

New Castle Airport - New Projects

Airports Strategic Capital Improvement Plan

Ranking	Project	2021	External Funding 2021	2022	External Funding 2022	2023	External Funding 2023	2024	External Funding 2024	2025	External Funding 2025
	New Projects										
31	Airfield markings (ILG)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
54	Wetland Area Improvements - RW 14 APCH	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Grand Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

31 **Airfield markings (ILG) - Efficiency and Sustainability**

The pavement markings at the airport facilities have degraded over time or require updates to meet changing FAA marking requirements. The project programs the evaluation, design, and construction of markings at the airport facilities as needed. No costs are being committed to this project. This effort has no anticipated annual operating cost impact.

54 **Wetland Area Improvements - RW 14 APCH - Safety**

The recently cleared wooded area at the runway 14 approach is currently inaccessible by conventional mowing equipment. The project programs the initial clearing of critical obstacles and the design of long term softening of steep slopes. No costs are being committed to this project. This effort has no anticipated annual operating cost impact.

New Castle Airport - Out Year Projects

Airports Strategic Capital Improvement Plan

Ranking	Project	2021	External Funding 2021	2022	External Funding 2022	2023	External Funding 2023	2024	External Funding 2024	2025	External Funding 2025
	Out Year Projects										
71	Construct Run-up Pad	\$ -	\$ -	\$ 10,000	\$ -	\$ 30,000	\$ 270,000	\$ -	\$ -	\$ 350,000	\$ 3,150,000
85	Reconstruct Taxiway K	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 300,000	\$ 15,000	\$ 300,000	\$ -	\$ -
86	Improve RSA Runway 1-19	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 45,000	\$ 28,000	\$ 255,000	\$ -	\$ -
87	Obstruction Removal	\$ -	\$ -	\$ -	\$ -	\$ 3,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -
89	Acquire Land for Runway 1 RPZ	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 900,000	\$ -	\$ -
91	Relocate Airport Operations and Maintenance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ -	\$ -	\$ -
	Grand Total	\$ -	\$ -	\$ 10,000	\$ -	\$ 53,000	\$ 640,000	\$ 193,000	\$ 1,455,000	\$ 350,000	\$ 3,150,000

71 Construct Run-up Pad - Efficiency and Sustainability

The construction of the Taxiway B and E project eliminated the run-up pad for the airport. The project programs for the design and construction of a new run-up pad in a more suitable location for the airport. This project has an estimated DRBA cost of \$390,000 in the out years. The project is partially funded in the amount of approximately \$3,420,000 by the Federal Aviation Administration. This effort has no anticipated annual operating cost impact.

85 Reconstruct Taxiway K - Asset Preservation

Taxiway K at the Runway 9 approach is not currently aligned with the rest of Taxiway K and there are runway safety issues with pavements in the vicinity. The project programs the relocation of Taxiway K which will align it with the rest of the parallel Taxiway K and eliminate the runway safety issues. This project has an estimated DRBA cost of \$30,000 in the out years. The project is partially funded in the amount of approximately \$600,000 by the Federal Aviation Administration. This effort has no anticipated annual operating cost impact.

86 Improve RSA Runway 1-19 - Safety

The approach end of runway 14-32 currently encroaches on the runway safety area for Runway 1-19. The project programs for the design and construction of modifications to the pavement and associated lighting systems to address this condition. This project has an estimated DRBA cost of \$33,000 in the out years. The project is partially funded in the amount of approximately \$300,000 by the Federal Aviation Administration. This effort has no anticipated annual operating cost impact.

87 Obstruction Removal - Safety

The project programs the removal of obstructions on airport property and on properties within the airport's immediate surroundings. The effort includes easement acquisition over the affected off-airport properties and brings the airport into compliance with federal airspace safety standards. This project has an estimated DRBA cost of \$3,000 in the out years. The project is partially funded in the amount of approximately \$25,000 by the Federal Aviation Administration. This effort has no anticipated annual operating cost impact.

89 Acquire Land for Runway 1 RPZ - Efficiency and Sustainability

The FAA strongly encourages airport sponsors to control all properties falling within the Runway Protection Zones at each runway end. The project programs the investigation and purchase of land adjacent to the Runway 1 approach. This project has an estimated DRBA cost of \$100,000 in the out years. The project is partially funded in the amount of approximately \$900,000 by the Federal Aviation Administration. This effort has no anticipated annual operating cost impact.

New Castle Airport - Out Year Projects

91 **Relocate Airport Operations and Maintenance - Efficiency and Sustainability**

The airport operations and maintenance facilities are currently located on opposite sides of the airfield with the maintenance facility located entirely within the secured perimeter of the Delaware Air National Guard. As part of the master plan process, a common site was selected and this project budgets for the development of the site to accommodate the operation and maintenance needs of the airport. Partial funding is anticipated from the Delaware Air National Guard and the Federal Aviation Administration for this project, but is not committed at this time. This project has an estimated DRBA cost of \$50,000 in the out years. This effort has no anticipated annual operating cost impact.