

## Airport Construction 3 –Year Outlook Q4 2018

This report contains active and planned airport construction projects which may impact airport capacity and delays. Due to the nature of airport construction, this information is constantly changing and may be postponed or cancelled at any time. This report will be updated quarterly. This overview is not intended for operational use.

### Newark Liberty International Airport (EWR)

Project	Description of Work	Estimated Dates	Status	Impact	Notes
TWY Z	TWY Z closed for rehabilitation. Milling and paving asphalt between approach end RWY 11 and TWY UA.	12/12/2017 to 10/31/2018	In Progress	Reduced capacity and delay impact	Project work includes updating of taxiway lighting as necessary to meet current FAA standards.
Terminal One	Terminal One redevelopment program. Demolition of existing Terminal A complex and construction of new Terminal One complex. Construction involves all infrastructure required to support a 33 gate terminal complex. Partial Terminal Opening, Q3-2021 (21 Gates) Full Terminal Opening, Q3-2022 (33 Gates)	01/01/2018 to 06/20/2022 TBD	In Progress	Reduced capacity and delay impact	Multi-phased project. Expect taxiing delays in/out due to ramp congestion.
TWY Y	TWY Y closed for rehabilitation. Milling and overlay asphalt between TWY RM and TWY S.	02/01/2018 to 06/20/2019	In Progress	No capacity effect	Project work includes updating of taxiway lighting as necessary to meet current FAA standards.
TWY D	TWY D closed for rehabilitation. Milling and overlay asphalt between TWY N and TWY B.	Jan 2019 TBD to Mar 2019 TBD	Upcoming	No capacity effect	Project work includes replacement of the three-inch asphalt overlay and associated electrical lighting and signage work to ensure compliance with the latest FAA standards.
RWY 11 Lighting	Replace RWY 11 Visual Approach Slope Indicator (VASI) lights with Precision Path Approach Indicator (PAPI) lights.	Spring 2019 to Fall 2019	Upcoming	No capacity effect	No capacity effect. Construction rescheduled to be completed with the EWR 11/29 Runway project. No outage expected for this project, just cutover.
TWY S	TWY S closed for rehabilitation. Mill and overlay top 3 inches of pavement. Includes new TWY centerline lights, and signage.	Summer 2019 TBD	Upcoming	Reduced capacity and delay impact	Expecting ramp and taxiway congestion.
RWY 11/29 & TWYs	RWY 11/29 rehabilitation. Crossing TWYs rehabilitation. TWY S rehabilitation between RWY and TWY Y. Electrical systems replacement of RWY status, centerline, edge, threshold, and touchdown zone lights. TWY lead-off and guard lights. Airfield signage and pavement surface sensors.	03/01/2019 to 10/23/2019	Upcoming	Reduced capacity and delay impact	Multi-staged project, nighttime and morning hours. 3/1-5/31, RWY closed 23:00L-11:00L (12 hrs.). 6/3-6/28, RWY closed 23:00L-11:00L (12 hrs.). 7/1-7/22, RWY closed 23:00L-11:00L (12 hrs.). 7/23-7/29, RWY open, TWY S closed between RWY 11/29 & TWY Y. 7/30-8/5, RWY open, TWY S closed between TWY W & M.8/28-10/23, RWY closed 19:00L-11:00L (16 hrs.). Expecting RWY full return to service 10/24/2019.

	Runway closed for milling and paving. Runway 22R/4L shortened during 4 extended weekends.	08/15/2019 to 08/27/2019	Upcoming	Reduced capacity and greater delay impact	8/15-8/27, RWY full closure. Dates TBD: Additional RWY full closure 1: 2 weekends, Friday 11pm – Sunday 1pm (38 hrs.). Dates TBD: Additional RWY full closure 2: 2 weekends, Friday 11pm – Sunday 1pm (38 hrs.).
South TWYs & Ramp Area	Rehabilitation of South TWYs and ramp areas.	Summer 2019 TBD	Upcoming	Reduced capacity and delay impact	Expecting ramp and taxiway congestion.
RWY 4L, End-Around TWY (South End)	Construction of a new end-around taxiway (EAT).	2020 TBD	Upcoming	Reduced capacity and delay impact	Project is not in the Capital Plan. EAT would begin near TXY PA (near FedEx building) follow the perimeter of the dike and existing parking lot, and connect to TXY P between RWYs 4L and 4R.
RWY 22R, End-around TWY (North End)	Construction of a new EAT and 470' runway extension.	2020 TBD	Upcoming	Reduced capacity and delay impact	Project is not in the Capital Plan. EAT would begin near TWY Z. The runway will be extended 470' and the EAT will extend 1,500' northeast. The EAT will loop around and follow Brewster Road until meeting TWY Z, connecting it to RWY 22L.