

Building a Better VNY: Taxiway A Rehabilitation Project

In March 2020, work began on a \$35.4 million, 15-month construction project to rehabilitate Taxiway A at Van Nuys Airport (VNY). This project will extend the pavement life of the taxiway by 20 years, increase safety and meet new FAA design standards. This is the second phase of two projects to reconstruct both Taxiways A and B at VNY over four years.

Rehabilitation will take place on the full length of Taxiway A (8,000 feet), from Taxiway C to Taxiway R and will include intersection widening improvements at the connector taxiways. This project will be managed by Los Angeles World Airports' Planning and Development Group with HNTB Corporation as the engineer of record and Granite Construction as the general contractor. Improvements include:

- Full-depth asphalt taxiway pavement reconstruction
- New LED centerline and edge lights
- Airfield signage upgrades
- Taxiway geometry enhancements
- Runway 16R hold bar enhancements
- Pavement markings
- Infield grading and drainage improvements

OPERATIONAL IMPACTS

Work has been carefully phased to minimize the number of days the runways and taxiways will be impacted and to mitigate operational and leasehold access impacts. Taxiway construction on the south end of the airport occurring within the runway safety area will require the shortening of Runway 16R/34L. The 3 month shortening of Runway 16R, is scheduled to commence in early April 2020 and be complete in early July 2020. During the initial 7 weeks of shortening, for aircraft operations on Runway 16R, there will be a minimum of 4,537 feet available for aircraft arrivals and 5,021 feet available for aircraft departures. In the following 6 week period, there will be a minimum of 5,187 feet available for aircraft arrivals and 5,671 feet available for aircraft departures on Runway 16R.

The Instrument Landing System (ILS) will be out of service during the shortened runway phases starting in March as well as an additional 3 months after when the northern portion of the taxiway is constructed in front of the ILS equipment. A temporarily pulse light approach slope indicator (PLASI) will be installed for Runway 16R/34L during the ILS system shut down.

Various segments of Taxiway A will be closed throughout the phased construction and access to various tenant leaseholds will be temporarily modified. The construction phasing was coordinated closely with the affected tenants, airfield operations and the FAA to mitigate operational impacts and maintain access to the various leaseholds adjacent to Taxiway A. NOTAMs will be issued by VNY Airfield Operations throughout the construction to provide current closure information.