



# JFK International Airport

## Runway 13L-31R Reconstruction

August 21, 2019



Project Location



PCC Slab Placement at Taxiway UA



Asphalt Placement at Taxiway U



**Claude A Vieira**  
FAA Air Traffic Operations Manager

"JFK has had the reputation for being the "Major Leagues" of handling and mitigating airport construction. The 13L project has raised this bar even higher and is proving to be the most complex of them all. Your FAA Tower is proud to be part of the JFK family as we all "raise our game" to meet this mighty challenge."

**Owner: PANYNJ**  
Aviation Director: H. A. Lawrence  
JFK General Manager: C. R. Everett  
Engineer: J. Starace  
Contractor: Walsh Construction Company II, LLC / Grace Industries, LLC

### RUNWAY 13L-31R CLOSED

#### Scope:

Reconstruction of the existing asphalt runway in concrete; widening the runway from 150 to 200 feet; construction of asphalt-paved shoulders and erosion pavement; rehabilitation of crossing taxiways, construction of new high-speed taxiway, upgrades of taxiway fillets to meet standards for Group VI aircraft, realignment of Taxiway U and intersection of Taxiways U/B/V to provide for A380 operation on these taxiways; drainage system upgrades, replacement of runway edge and threshold lights, runway centerline lights, touchdown zone lights at both ends, taxiway lead-off lights, signs and sign bases, homeruns to electrical switch house; replacement of 31R MALS and 13L ALSF systems.

#### Construction Schedule:



#### Achievements:

- Runway 13L-31R between Taxiways W and E available for aircraft taxiing.
- Closed Taxiway V, Taxiway CD, Taxiway U, and Taxiway B between Taxiway W and TB for construction.
- Completed placing runway mainline concrete.
- JFK Airport Operation Center at Building 145 operates on 24/7 basis.
- Collaboration weekly meeting with the FAA and airport community ongoing.
- Daily 15:45 metering conference call ongoing.

#### Look Ahead:

- Continuation of asphalt milling.
- Continuation of asphalt paving on Taxiway U near Taxiways V and B intersection.
- Continuation of concrete placement at Taxiway U.
- Continuation of installing runway and taxiway in-pavement lighting fixtures.
- Continuation of installing full depth shoulder pavement.
- Continuation of excavating and installing infiltration trenches and pipes.
- Continuation of removing excavated stockpile material off-airport premises.
- Continuation of installing guidance sign foundations.
- Continuation of line-striping for runway and taxiway crossings.
- Performing grooving mock-up.
- Continuation of removal and installation of electrical infrastructure.

100%

71%

Project % Complete