



JFK International Airport

Runway 13L-31R Reconstruction

July 17, 2019



Project Location



Construction Progress - Aerial View



Kathryn Lamond, P.E.
Environmental and Sustainability Specialist

"Sustainability is one of the key priorities of the PANYNJ. The Runway 13L-31R Reconstruction Project will reduce our environmental impacts by installing LED lighting, an additional high-speed taxiway, and durable concrete with a 40-year lifespan."

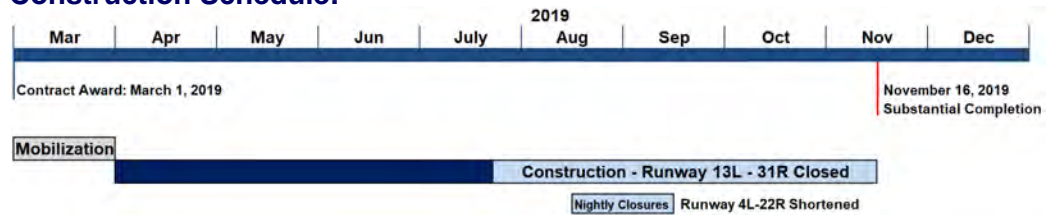
Owner: PANYNJ
Aviation Director: H. A. Lawrence
JFK General Manager: C. R. Everett
Engineer: J. Starace
Contractor: Walsh Construction Company II, LLC / Grace Industries, LLC

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 MALSR 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 runway concrete pavement leveling course west of Taxiway W.
- Started concrete paving lanes of runway mainline west of Taxiway W.
- 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 removal and installation of electrical infrastructure including additional 27kv ductbank.
- Continuation of concrete removal and asphalt milling.
- Continuation of concrete runway paving.
- Continuation of installing runway lighting systems.
- Continuation of installing full depth shoulder pavement.
- Continuation of excavating and installing infiltration trenches and pipes.
- Continuation of installing drainage systems.
- Continuation of removing excavated stockpile material off-airport premises.
- Continuation of installing guidance sign foundations along Runway 13L-31R.

100%

45%

Project % Complete