

# 2018 REHABILITATION OF RUNWAY 17C/35C

## DALLAS FORT WORTH INTERNATIONAL AIRPORT

### Why is DFW considering this project?

Runway 17C/35C is 13,400 feet long and is DFW Airport's primary arrival runway, handling approximately 40% of DFW arrivals daily. The runway was built in 1984 and is in need of significant rehabilitation.

### What is the project?

DFW intends to rehabilitate this runway, which entails:

- Replacement of the center third of the runway, about 6,000 feet;
- Asphalt resurfacing of the entire runway length;
- Rehabilitation of the parallel taxiway, Taxiway M (This work will be done after the runway reopens).

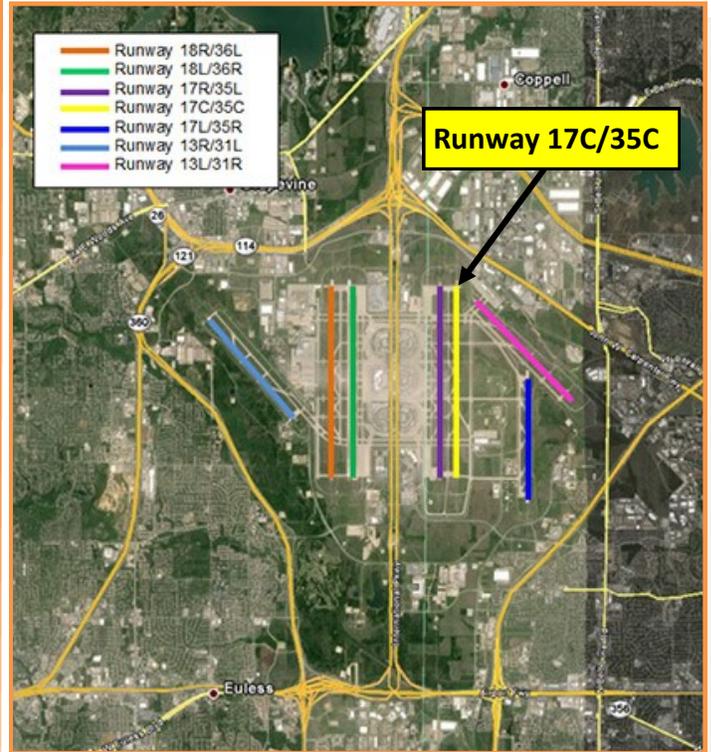
To avoid future runway closures and related impacts, DFW also plans to concurrently:

- Install Runway Status Light System;
- Build a portion of Northeast End Around Taxiway in runway environment.

### When will the work be done?

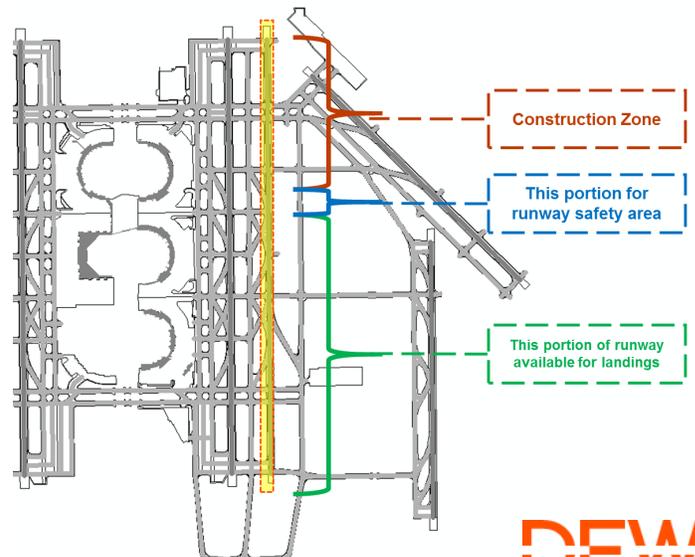
A project of this magnitude can take a year or more. Thus, to reduce impacts on the airfield and communities, DFW is phasing the project by doing a partial closure (72 days) and a shortened full closure (104 days). This will reduce the overall time of the runway closure. The following is the schedule for the phases of the runway project:

2018 ACTIONS	START	END
Preparation/Mobilization	Mar 26	May 23
Partial Closure of Runway	May 24	Early - Aug
Full Closure of Runway	Early - Aug	Nov 16
Runway Open/Finalization	Nov 16	Dec 8



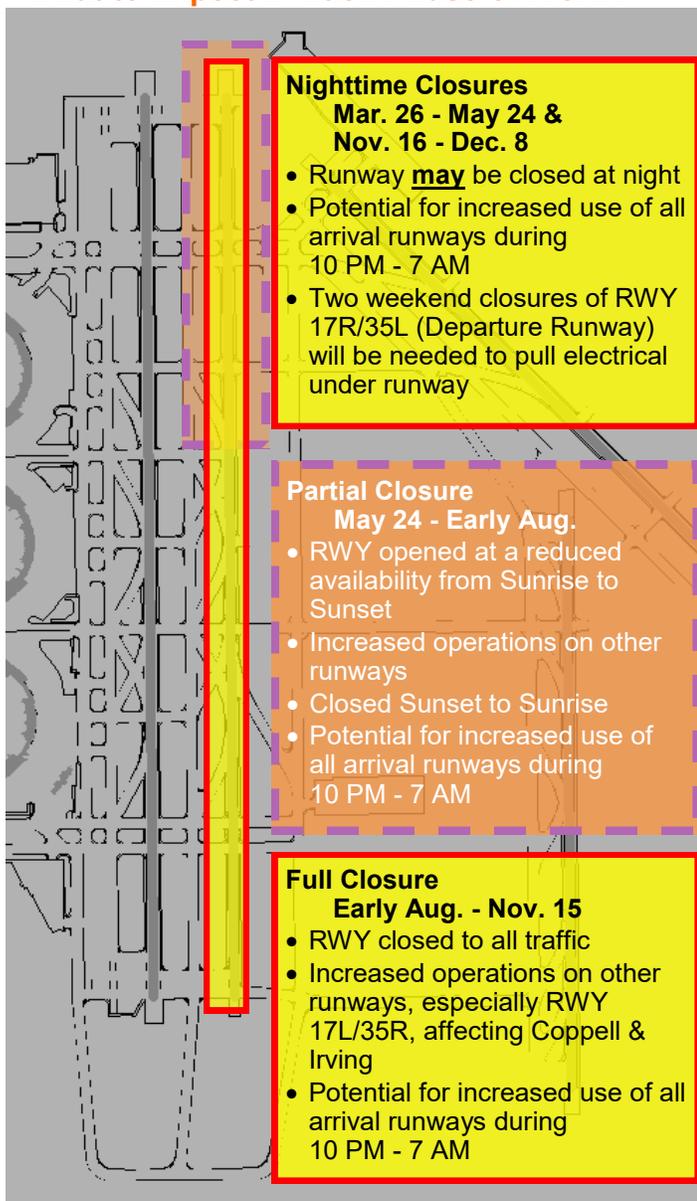
### How will the runway be used during the phases?

**Partial Closure:** During the partial closure, the northern portion of the runway will be under construction. The remainder of the runway will be available for arrivals at reduced capacity



# What to Expect During the Runway Project

## What to Expect in Each Phase of Work?

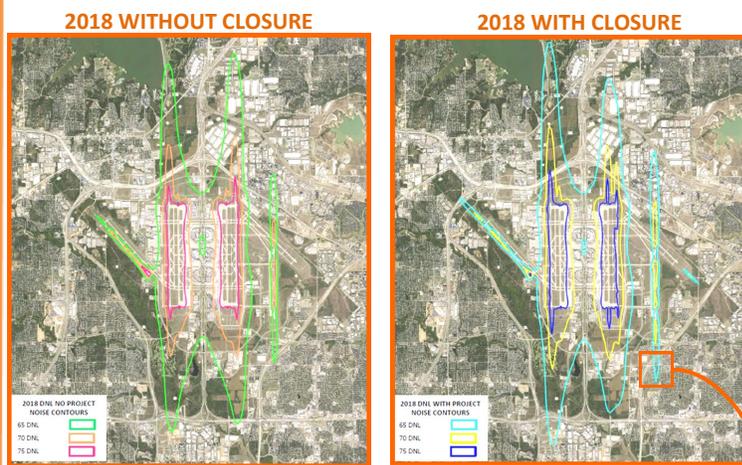


## How Will Noise Change During Closure?

Surrounding communities may experience an increase in noise within their neighborhoods from the effects of the change in operations during the runway closure.

DFW conservatively modeled the temporary change in noise exposure with and without the closure, assuming a 9 month closure to determine if there are noise “impacts”, as required by FAA. FAA defines an “impact” as a 1.5 Day/Night Level (DNL) increase in the 65 dB DNL noise contour over a noise sensitive land use.

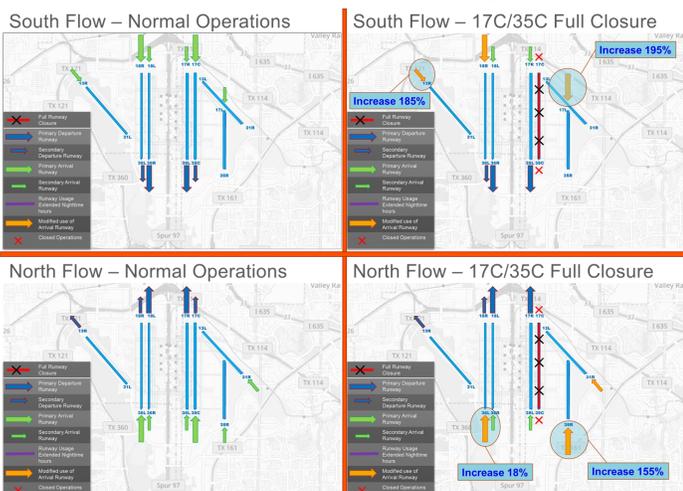
The scheduled runway closure essentially will be reduced to 3.5 months, resulting in less noise; we anticipate minimal impacts (less than shown on the noise contour maps below).



The modeled 9-month closure indicates no noise “impacts” except a small area in Irving over apartments. DFW will reach out to these tenants to ensure they are aware of the closure.



## Where Will Air Traffic Go During Closure?



\* Estimated redistribution based upon historical data

## Who to Call for More Information or to File a Complaint?

### For Information:

- ☎ Sandy Lancaster: 972-973-5573
- ☎ Sam Tan: 972-973-5597
- 🌐 [dfwairport.com/aircraftnoise](http://dfwairport.com/aircraftnoise)

### Noise Complaint:

- ☎ 972-973-3192
- ✉ [dfwnoise@dfwairport.com](mailto:dfwnoise@dfwairport.com)

