

welcome to

FLL

# Rehabilitation of North Airfield at Fort Lauderdale-Hollywood International Airport







## Fort Lauderdale-Hollywood International Airport Today

**35.9 million**  
passengers in 2018

Total passenger  
traffic in 2018  
increased 10.6%  
over 2017

FLL ranks 18<sup>th</sup> in total  
traffic and 10<sup>th</sup> in  
International traffic

New Service in 2018  
to 21 new and  
existing markets

Three largest carriers  
at FLL are JetBlue,  
Southwest and Spirit  
with 65% of traffic



# Rehabilitation of North Airfield at Fort Lauderdale-Hollywood International Airport



## FLL Today

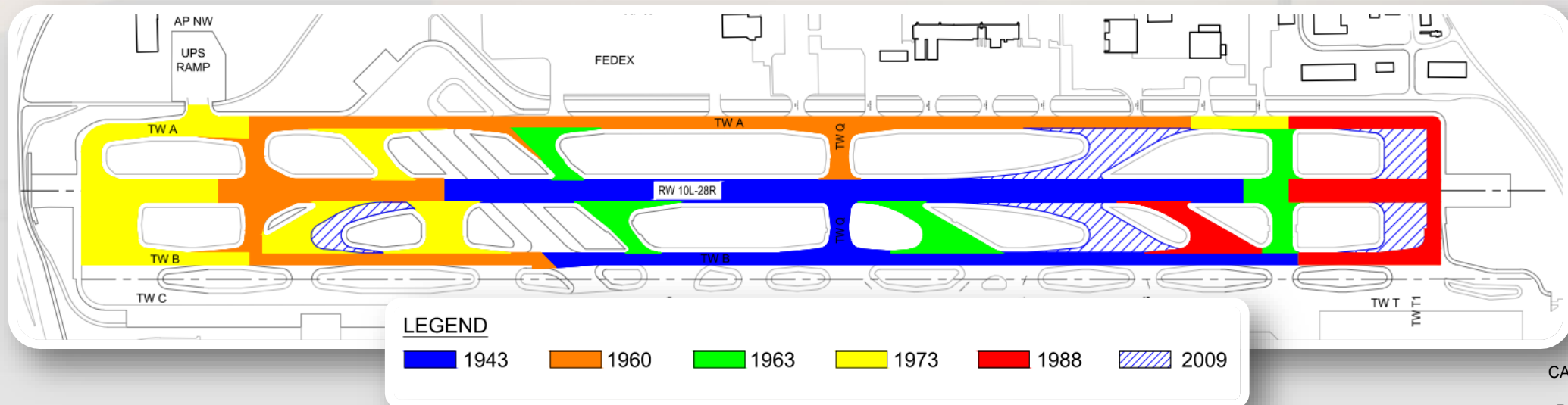






## History

- Airport was originally established in 1929
- Airport became Naval Air Station Fort Lauderdale in 1942
- Portions of Runway 10L-28R date back to 1943
- Runway 10L-28R has been strengthened, lengthened and improved many times

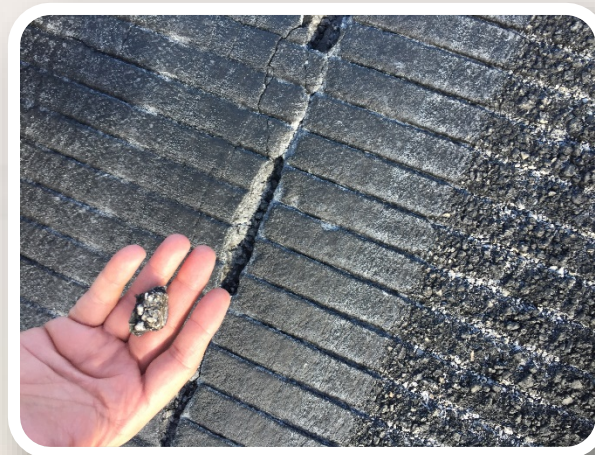






## Why?

- It has been 15 years since any major rehabilitation
- Runway 10L-28R was the only active runway for 18 months during South Runway (10R-28L) construction and experienced heavy usage
- The North Runway is in need of structural, drainage, safety, lighting and signage upgrades
- Improvements will increase rehabilitation cycle to 30 years







## Project Benefits

Reduces Rehabilitation Cycles

Improves and Enhances Runway Safety Areas

Reduces Probability of Runway Incursions

Improves Lighting, Signage, and Navigational Aids

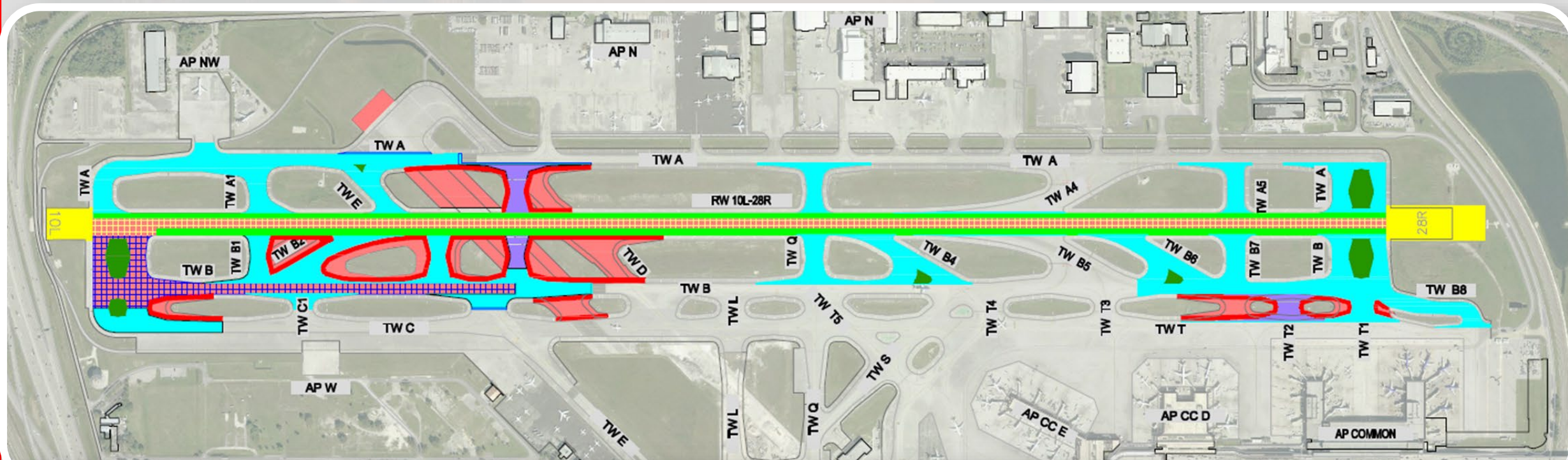
Improves Drainage, including raising Runway Centerline










# Rehabilitation of North Airfield at Fort Lauderdale-Hollywood International Airport



## General Overview of Project



LEGEND									
	PAVEMENT DEMOLITION		SHOULDER NEW PAVEMENT		TAXIWAY NEW PCC		RUNWAY NEW PCC		NO TAXI IS
	TAXIWAY MILL AND OVERLAY		RUNWAY NEW ASPHALT PAVEMENT		TAXIWAY NEW ASPHALT PAVEMENT		NEW EMAS BEDS		



The diagram illustrates a cross-section of a runway rehabilitation project. Key features and dimensions include:

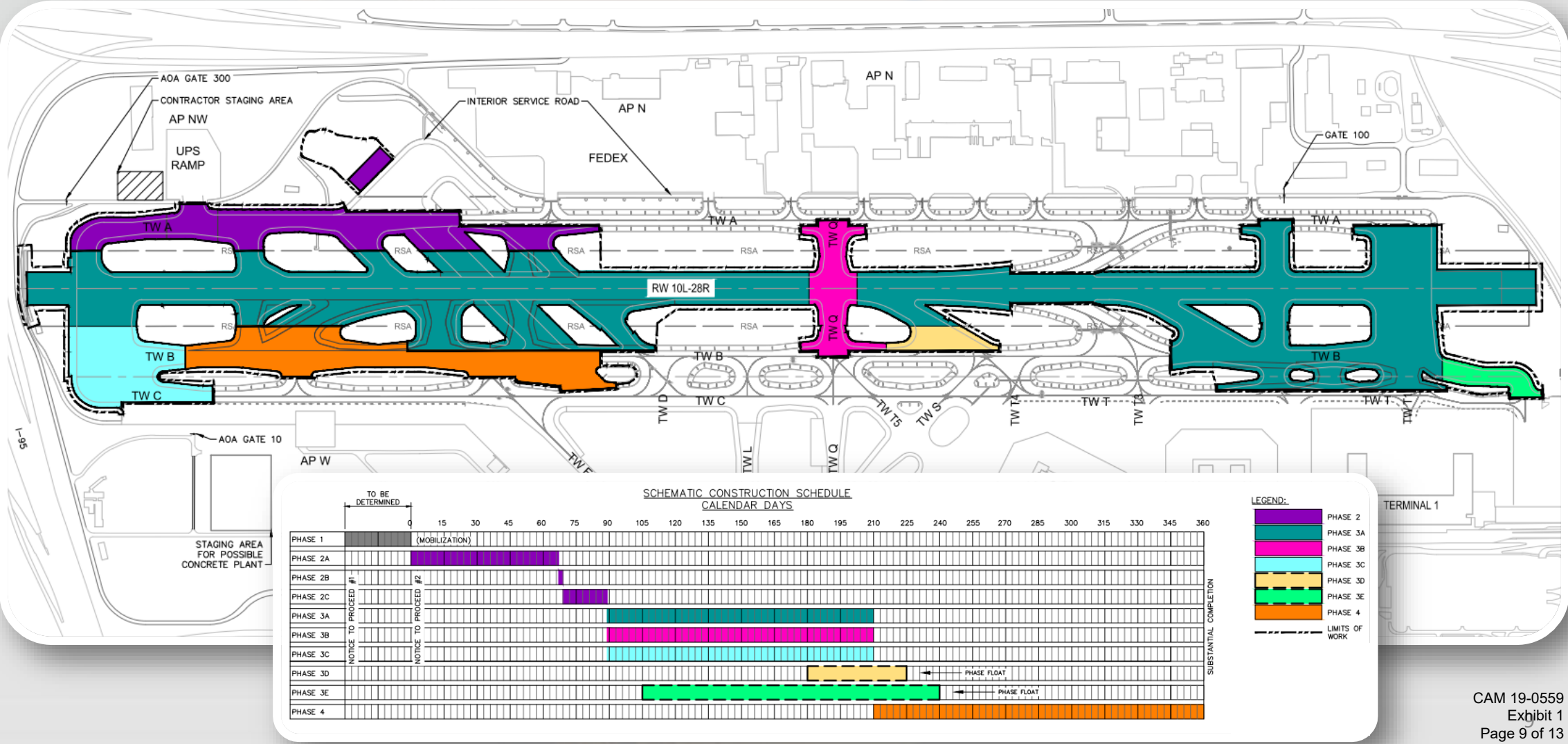
- Overall Width:** 150' (75' on each side of the centerline).
- Existing Infrastructure:**
  - Existing Grassed Infield
  - Existing Limerock Base
  - Existing Stabilized Subgrade
  - Existing Edge Light
  - Existing Limerock Base to Remain
- Proposed Construction:**
  - Rigid Pavement Inlay Section:** 37.5' wide (18.75' on each side of the centerline).
  - Longitudinal Construction Joint:** Located at the edge of the rigid pavement inlay.
  - P-501 Portland Cement Concrete:** 17" thick.
  - Asphalt Overlay:** Applied over the existing limerock base.
  - 6" Cement Treated Base:** Located beneath the rigid pavement inlay.
  - 18" Compacted Subgrade:** The base layer beneath the cement treated base.
- Other Details:**
  - Replace Excavation for Working Area with Lean Mix Concrete



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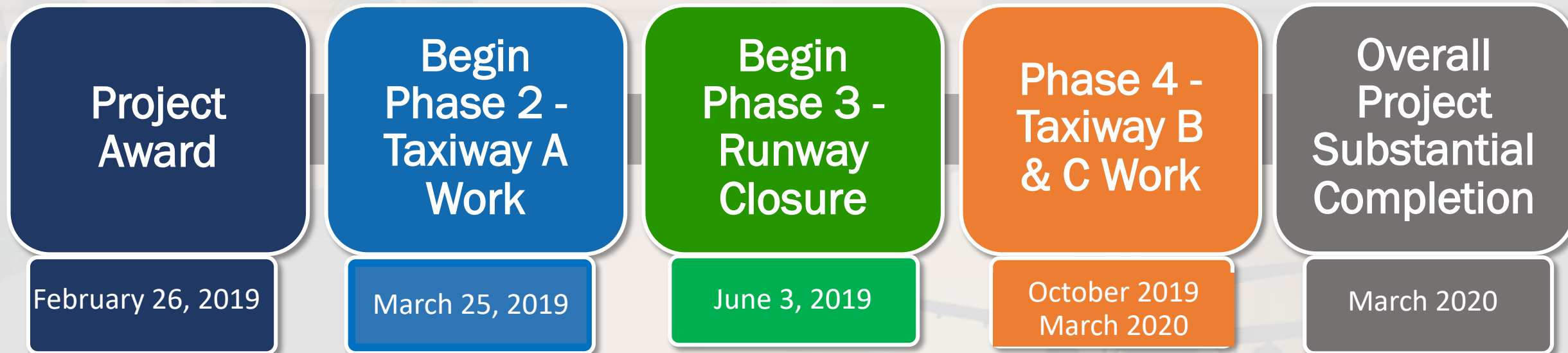
## Overall Phasing Plan







## Project Schedule









# Rehabilitation of North Airfield at Fort Lauderdale-Hollywood International Airport



## Summary



Construction  
Budget: \$64.4  
million

Up to four months  
of Runway closure

Locally planned,  
designed and  
constructed

15 sub-  
contractors/150-  
200 workers during  
Runway closure





## Questions

- Technical questions – BCAD Project Manager: 954-359-6973
- Aircraft noise comments – Noise Hotline: 866-822-7910
- Public Information Officer: 954-359-6116