

Q2-2020 Airport Construction Impact Report



U.S. Core 30+ Airports 3-Year Construction Outlook

System Operations Services - Performance Analysis
FAA National Headquarters, Washington, DC 20591

April 01, 2020
Compiled by: AJR-G5
POC: 9-AJR-Construction-Report@faa.gov

Disclaimer: Not for operational use. This report contains active and planned airport construction projects, which may impact airport capacity and delays. Due to the nature of airport construction, this information is constantly changing and may be postponed or canceled at any time. This report will be updated quarterly.






**Federal Aviation
Administration**

Impact Summary	4
East-North Service Area	5
BOS—General Edward Lawrence Logan International Airport	6
BWI—Baltimore-Washington Thurgood Marshall International Airport	7
DCA—Ronald Reagan Washington National Airport	8
EWR—Newark Liberty International Airport	9
IAD—Washington Dulles International Airport	10
JFK—John F. Kennedy International Airport	12
LGA—LaGuardia Airport	13
PHL—Philadelphia International Airport	15
East-South Service Area	16
ATL—Hartsfield-Jackson Atlanta International Airport	17
CLT—Charlotte/Douglas International Airport	21
FLL—Fort Lauderdale/Hollywood International Airport	22
MCO—Orlando International Airport	23
MIA—Miami International Airport	25
TPA—Tampa International Airport	26
Central Service Area	29
DFW—Dallas/Fort Worth International Airport	30
DTW—Detroit Metropolitan Wayne County Airport	34
IAH—George Bush Intercontinental/Houston Airport	37
MDW—Chicago Midway International Airport	38
MEM—Memphis International Airport	39
MSP—Minneapolis-St. Paul International/Wold-Chamberlain Airport	40
ORD—Chicago-O'Hare International Airport	44

Western Service Area	47
DEN—Denver International Airport	48
HNL—Daniel K. Inouye International Airport	49
LAS—McCarran International Airport	50
LAX—Los Angeles International Airport	51
PHX—Phoenix Sky Harbor International Airport	54
SAN—San Diego International Airport	57
SEA—Seattle-Tacoma International Airport	59
SFO—San Francisco International Airport	60
SLC—Salt Lake City International Airport	63
Additional Airports	66
ANC—Ted Stevens Anchorage International Airport	67
PBI—Palm Beach International Airport	68

Construction Impact Key

	No Capacity Effect – Departures taxi delays and/or Arrivals airborne holding delays are 15 minutes or less
	Reduced Capacity and Delay Impact – Departures taxi delays and/or Arrivals airborne holding delays of 16 to 45 minutes
	Reduced Capacity and Greater Delay Impact – Departures taxi delays and/or Arrivals airborne holding delays greater than 45 minutes

IATA Airport-Level Designations

Level 1 – Airport infrastructure capacity is generally adequate to meet the demands of airport users at all times

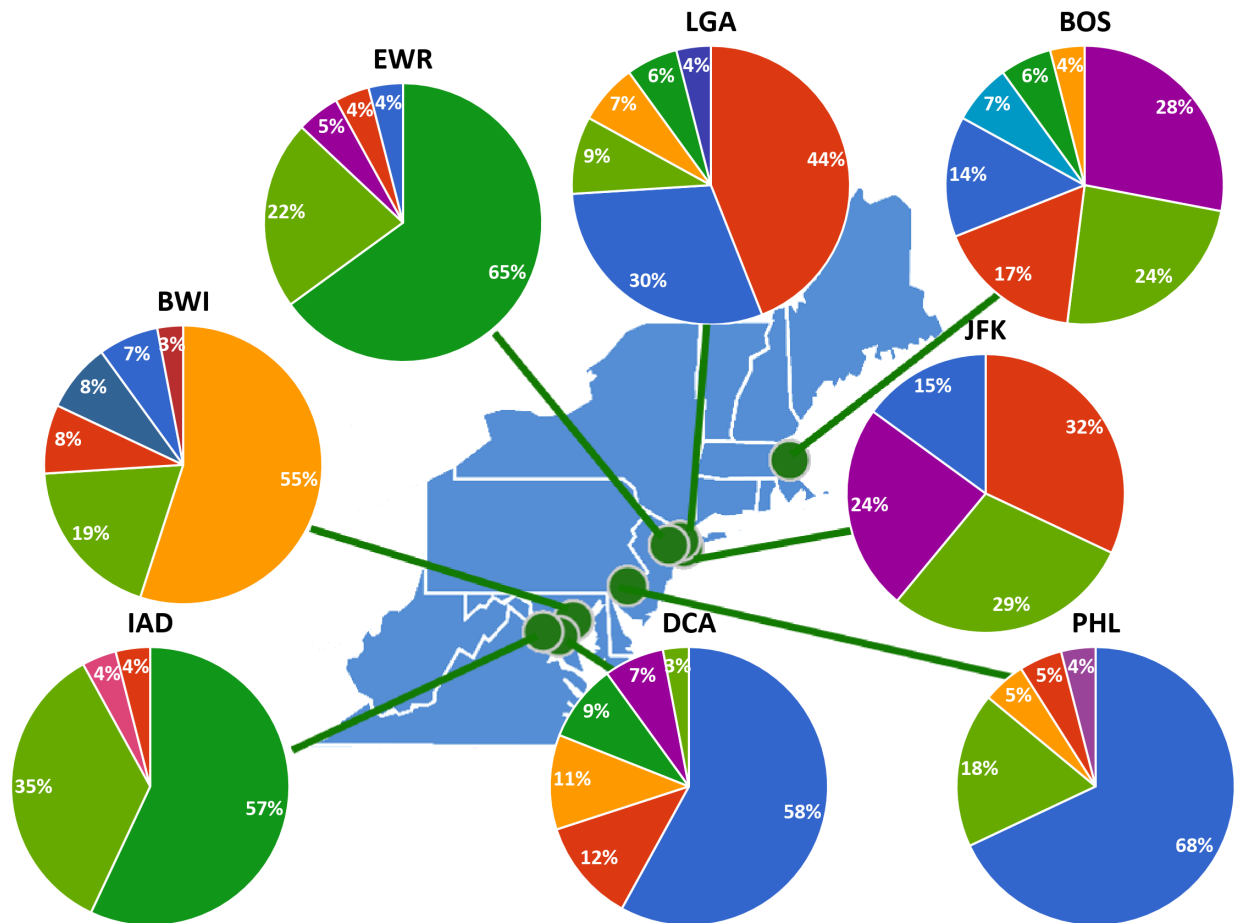
Level 2 – Airports where potential for congestion exists during some periods that can be resolved by schedule adjustments mutually agreed between the airlines and facilitator

Level 3 – Airports with full slot controls where demand for airport infrastructure significantly exceeds the capacity during certain periods and expansion of infrastructure to meet demand is not possible in the short term

[Return to Table of Contents](#)

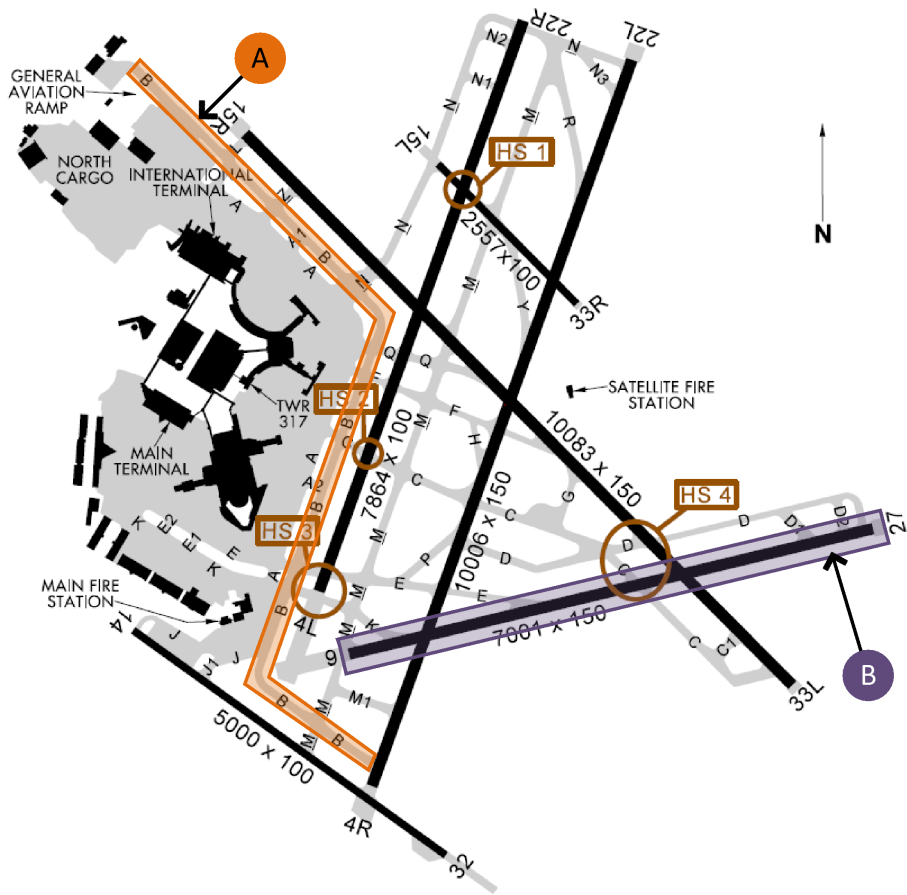
Key:

- Air Canada-ACA
- American-AAL
- Delta-DAL
- Hyannis Air Service, Inc.
- JetBlue-JBU
- Netjets Aviation
- Other *less than 4%
- Southern Airways Express
- Southwest-SWA
- Spirit-NKS
- United Parcel Service-UPS
- United-UAL



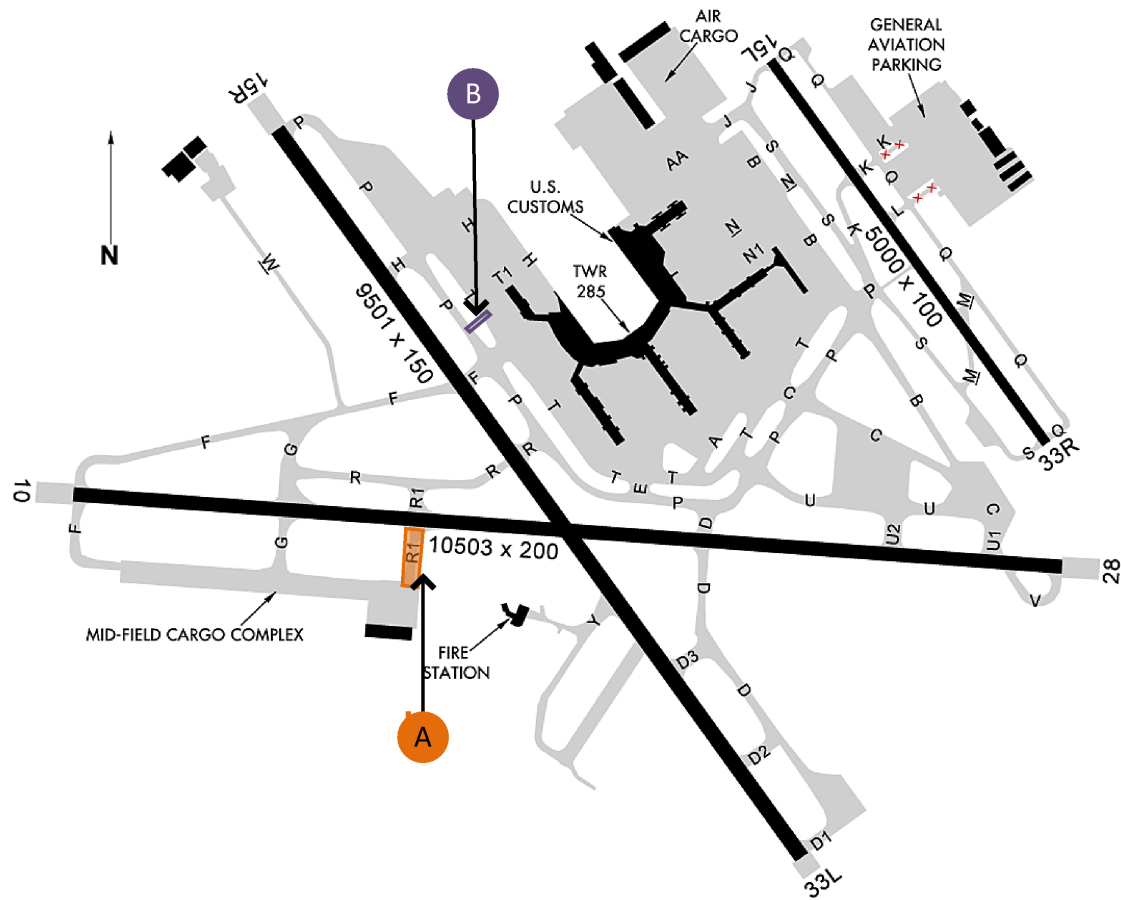
	2020												2021												2022												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
BOS																																					
BWI																																					
DCA																																					
EWR																																					
IAD																																					
JFK																																					
LGA																																					
PHL																																					

[Return to Table of Contents](#)



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	TWY B Lighting																																				
B	RWY 9/27																																				

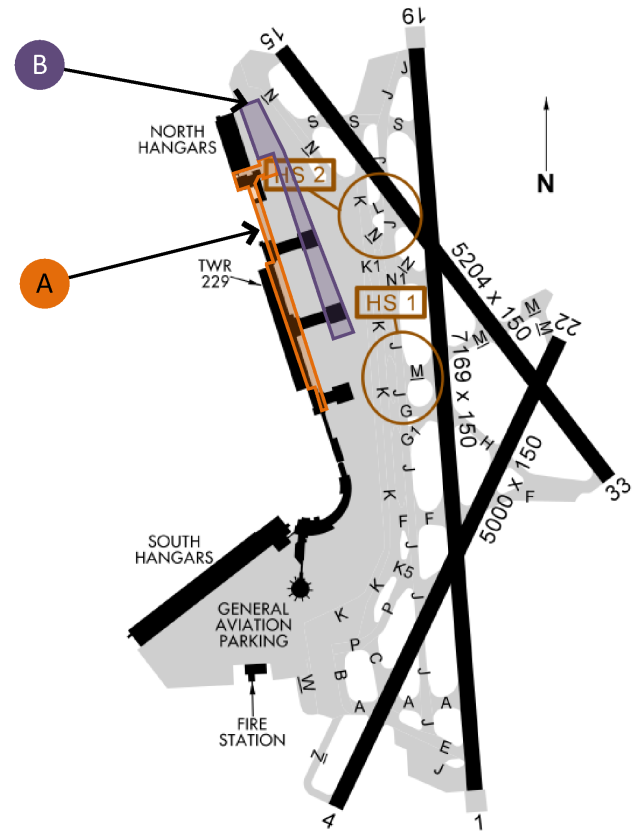
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY B Lighting	Taxiway B centerline lights replacement.	2020 TBD	Upcoming		Work will be limited to night construction and done during periods of low activity.
B	RWY 9/27	RWY 9/27 closed for rehabilitation. Milling and repaving.	08/24/2020 to 10/23/2020	Upcoming		Dates are tentative. Project could be moved to Spring 2020. Duration of project should be 60 days.



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	Midfield Cargo and Mill Overlay																																				
B	TWY T2																																				

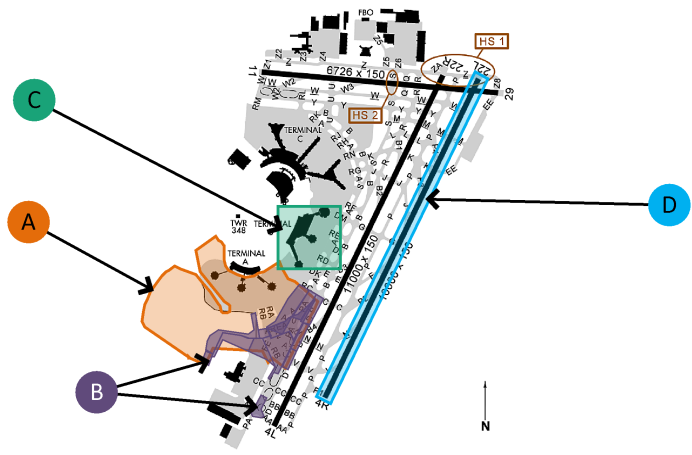
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Midfield Cargo and Mill Overlay	Mill and overlay of Taxiway R1 between Runway 10/28 and midfield cargo ramp.	04/06/2020 to 05/08/2020	Upcoming	■	May require an occasional Runway 10/28 closure, but should be an overnight closure and should not effect capacity.
B	TWY T2	Installing a new Taxiway (T2) between TWY T and TWY P north of TWY F	05/04/2020 to 11/20/2020	Upcoming	■	This project will necessitate closures to adjacent taxiways, but no effect on capacity at BWI.

[Return to Table of Contents](#)



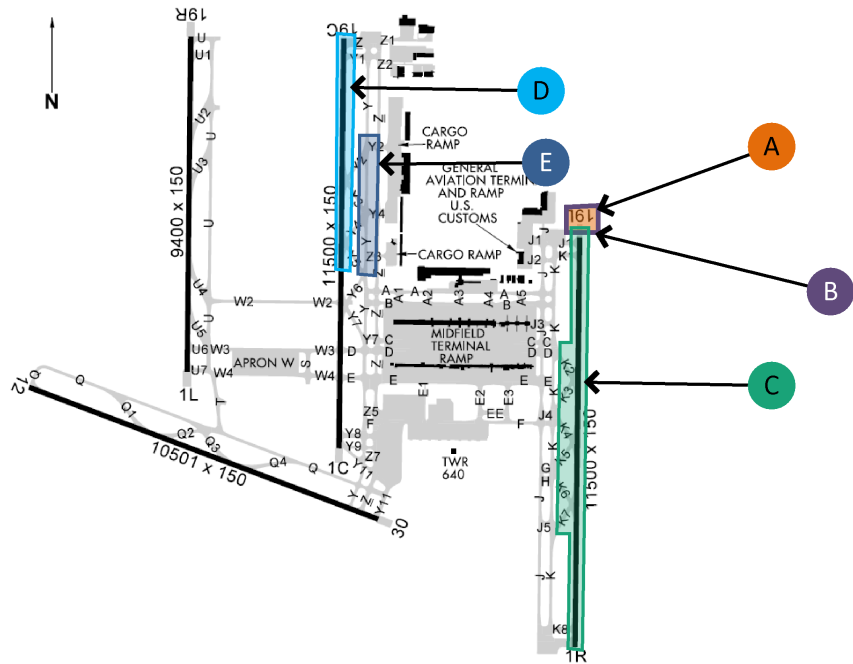
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	North Concourse																																				
B	Ramp Configuration																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	North Concourse	New regional concourse gates replacing surface gates.	04/19/2017 to 03/19/2021	In Progress		Safety Risk Assessment determined medium risk due to controller workload increase. New 14 regional Jet (RJ) gates with jet bridges will allow handling of larger aircraft with 76-seats, versus current restriction of smaller aircraft with 50-seats.
B	Ramp Configuration	New ramp configuration for AAL commuters.	04/06/2019 to Q1 2020 TBD	Complete		Project is complete.



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	Terminal One																																				
B	South TWYs & Ramp Area																																				
C	Terminal B Ramp Rehab																																				
D	RWY 4R/22L																																				

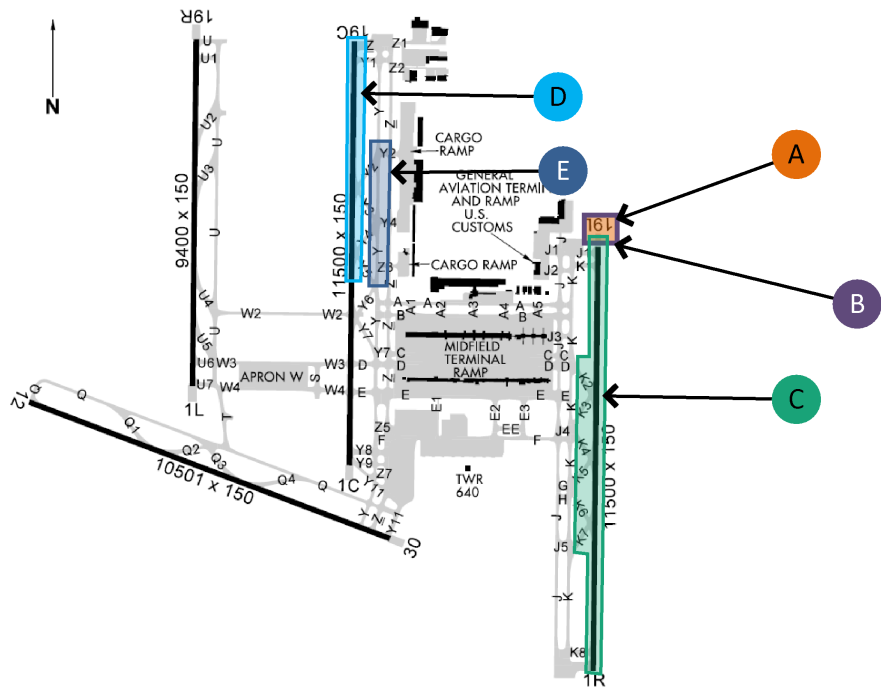
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminal One	Terminal One redevelopment program. Demolition of existing Terminal A complex and construction of new Terminal One complex. Includes infrastructure required to support a 33 gate terminal complex.	01/01/2018 to 06/20/2022 TBD	In Progress		Multi-phased project. Expect taxiing delays in/out due to ramp congestion. Partial Terminal Opening, Q3-2021 (21 Gates) Full Terminal Opening, Q3-2022 (33 Gates)
B	South TWYs & Ramp Area	Rehabilitation and paving of South TWYs and ramp areas. Stage 6A - 11/15/19 to 12/31/19 & 11/15/20 to 6/30/2021 Stage 6B, 6C, 6D, 7, 8 - 11/15/19 to 11/15/20 Stage 9, 10 - 11/15/20 to 6/30/21	June 2019 to June 2021	In Progress		Expecting ramp and taxiway congestion.
C	Terminal B Ramp Rehab	Terminal B Ramp Rehab.	2021 TBD	Upcoming		
D	RWY 4R/22L	RWY 4R/22L closed for reconstruction. Includes milling and paving runway, high-speed turn-offs, and crossing taxiways. Will shift the RWY centerline slightly. Continuous full runway closure - 180 Days (Includes 21-day RWY 11/29 closure).	March 2021 to November 2021	Upcoming		Project includes lighting systems upgrades.



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
A	RWY 19L ALSF-2																																					
B	RWY 19L RSA																																					
C	RWY 1R/19L																																					

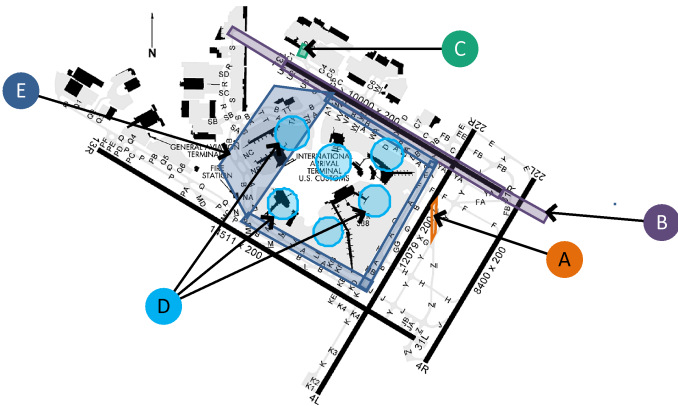
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 19L ALSF-2	Update RWY19L Approach Lighting System with Sequence Flashing Lights (ALSF-2). Open trench work at the approach end of RWY 19L.	09/28/2019 to 05/22/2020	In Progress		RWY1R/19L potential operational impacts due to work inside the RSA..
B	RWY 19L RSA	RSA work for ALSF on Rwy 19L.	2020 TBD	Upcoming		Rwy 1R/19L potential operational impacts due to work inside the RSA. Runway will be closed from 2300-1100 M-F nights and weekend closures. Minimum impact.
C	RWY 1R/19L	RWY 1R/19L closed for rehabilitation, including TWYs K2, K3, K4, K5, K6 and K7.	09/20/2020 to 10/24/2020	Upcoming		Project is to extend the life of the pavement for the RWY and associated TWYs, including high-speed TWYs within the Runway Safety Area (RSA).

[Return to Table of Contents](#)



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
D	RWY 1C/19C																																				
E	TWYs Y, Y2, Y3, Y4, & Y5																																				

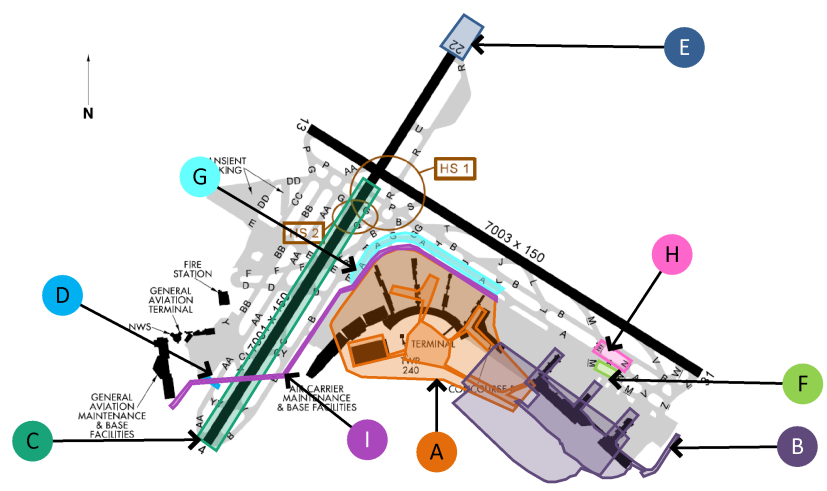
Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	RWY 1C/19C	Reconstruction of the North section of RWY 1C/19C & High Speed TWYs Y2, Y3, Y4 & Y5, inside the Runway Safety Area (RSA).	03/01/2021 to 11/30/2021	Upcoming	<div></div> Crossing TWYs W2, W3 and W4 will remain open for aircraft arriving or departing RWY 1L/19R. Displaced threshold possible to relieve potential capacity impact. Project will start Q1 March 2021.
E	TWYs Y, Y2, Y3, Y4, & Y5	Reconstruction & widening of TWYs Y, Y2, Y3, Y4 & Y5 outside the RSA.	03/01/2021 to 11/30/2021 TBD	Upcoming	<div></div> Project will coincide with RWY 1C/19C construction. Loss of capacity on RWYS 1C and 19C due to closure of first 2 high-speed exits for RWY 19C and the closure of last 2 high-speed exits for RWY 1C. Greater in-trail spacing will be required due to increased aircraft runway occupancy time. Closure time may be reduced from 9 months to 6 months for this portion with addition of displaced threshold. Project will start Q1 2021.



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
A	TWY Z																																					
B	RWY 13L/31R Lighting																																					
C	TWY C2																																					
D	Terminal Area																																					
E	TWYs A and B																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY Z	TWY Z closed for construction between RWY 4L/22R and TWY Y.	07/29/2019 to 10/30/2020	In Progress		Alternate TWYs available.
B	RWY 13L/31R Lighting	Replace RWY 31R Visual Approach Slope Indicator (VASI) lights with Precision Approach Indicator (PAPI) lights. Replace RWY 31R Medium intensity Approach Lighting System (MASLR) and 13L Approach Lighting System (ALSF-2).	09/09/2019 to 11/15/2019	Complete		No outage expected for this project, just cutover.
		RWY 13L & 31R Lead-in Lights (LDIN) replacement (Lefferts).	09/23/2019 to 11/15/2019	Complete		Design phase complete. Outage and replacement planned during shutdown of RWY 13L/31R.
		RWY 13L and 31R Lead-in Lights (LDIN) replacement (Old Mill).	January 2020	Upcoming		Outage being coordinated with N90.
C	TWY C2	TWY C2 closed	12/13/2019 to 07/01/2020	In Progress		
D	Terminal Area	Redevelopment construction involving Terminals 1, 4, and 5-7 and other areas.	Spring 2020 TBD to 2025 TBD	Upcoming		24 hardstands will be relocated. This will result in increased towing operations and limited metering locations.
E	TWYs A and B	Full reconstruction of TWYs A and B	Fall 2020 to 2021 TBD	Upcoming		Coordination with ATC to minimize impact.

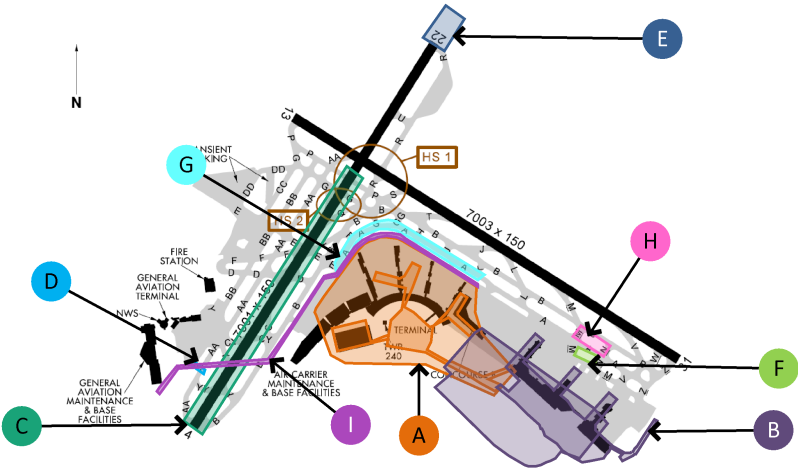
[Return to Table of Contents](#)



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	Terminal B																																				
B	Terminals C & D																																				
C	RWY 4/22																																				
D	TWY AC																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminal B	Terminal B redevelopment of the Central Terminal Building (CTB). Construction expected to include the demolition of the existing terminal and associated infrastructure. Construction is for a new 35 gate terminal.	08/04/2015 to 11/07/2021	In Progress		Concourse B now open. Headhouse scheduled to open 2nd QTR 2020,
B	Terminals C & D	Terminals C & D redevelopment. Construction includes demolition of the existing terminals and reconstruction. Construction is for a 37 gate terminal.	08/01/2017 to 01/24/2025	In Progress		Construction includes new main terminal. Terminal C & D is approx. 38% of LGA passenger traffic (275 daily departures). Concourse G now open. Concourse E construction underway.
C	RWY 4/22	RWY 4/22 closed for rehabilitation. Mill and overlay of runway deck wearing course, and concrete panel replacement. Includes lighting upgrades. Resurfacing RWY 4/22 from the approach end of RWY 4 to the RWY intersection. Includes all RWY crossings and exits. Full RWY grooving expected Oct 2019.	04/14/2019 to 11/30/2020	In Progress		Multi-phased project. The majority will be completed during weekend closures. The RWY closures required for this project will be scheduled during nighttime, and during scheduled weekend closures to minimize impacts. Associated TWY work will continue thru November 2020.
D	TWY AC	TWY AC closed	11/17/2019 to 11/17/2020	In Progress		

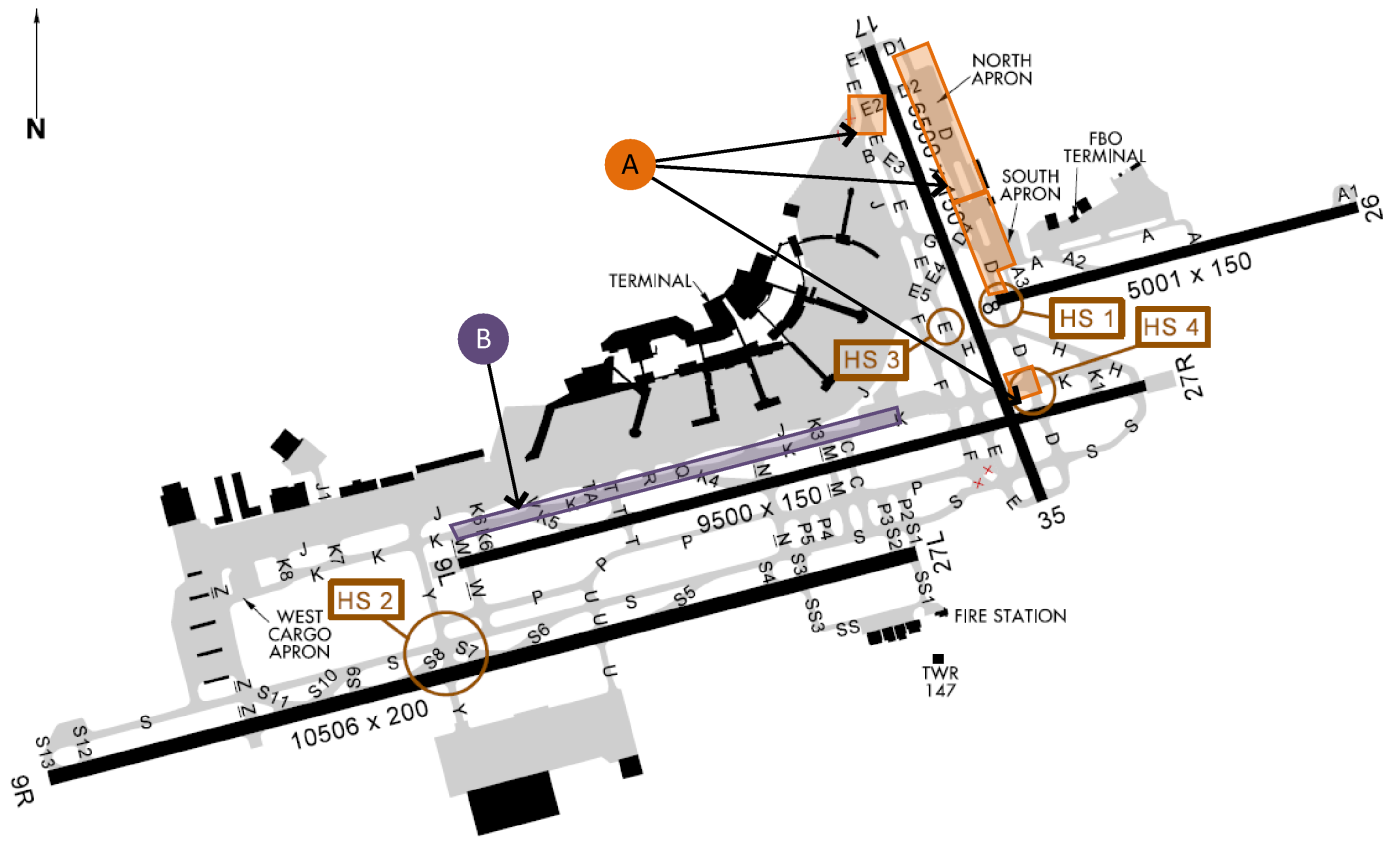
[Return to Table of Contents](#)



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
E	RWY 4 Localizer																																					
F	TWY M																																					
G	TWY A																																					
H	TWY A Shoulder																																					
I	Hydrant Fueling Line																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	RWY 4 Localizer	Construction of an extension of the runway deck platform.	2020 TBD	Upcoming		Proposal to relocate the RWY 04 localizer to support a more stable localizer signal. The relocation from a pier over the water to an extension of the runway deck platform to eliminate signal reflection issues with the tide changes.
F	TWY M	New construction of Terminal C and Concourse E. A portion of TWY M will be permanently closed in 1st QTR 2020, the remainder of TWY M will become a non-movement area and renamed Taxilane M.	02/10/2020 to Spring 2020	In Progress		In support of Terminal C redevelopment.
G	TWY A	TWY A closed for rehabilitation. Resurfacing TWY A between TWY E and TWY K.	Apr 2020 TBD to Sep 2021 TBD	Upcoming		Project expected to bid in Dec 2019 and construction in Spring/Summer 2020 and 2021. All work to be performed during nightly closures.
H	TWY A Shoulder	TWY A shoulder work.	Spring 2020 TBD	Upcoming		Nightly closure from 2300-0700. Possible closure of Twy N between A and M.
I	Hydrant Fueling Line	Installation of fuel hydrants line.	Fall 2020 TBD to Winter 2021 TBD	Upcoming		Dates are tentative.

[Return to Table of Contents](#)



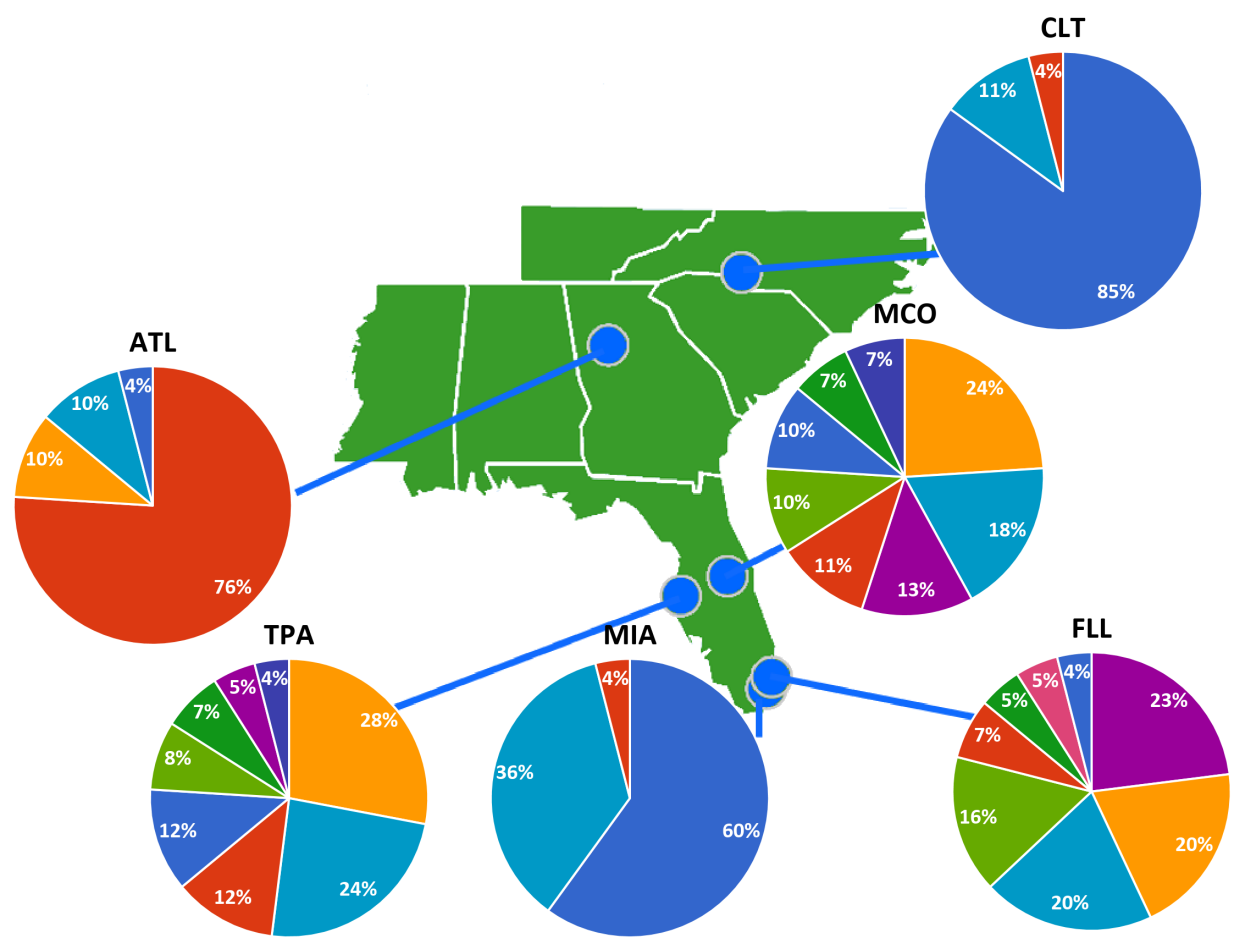
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	Airfield North Apron																																				
B	TWY K																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Airfield North Apron	Reconstruction and rehabilitation of the North Apron, currently includes Taxiway E2 and RSA of Runway 17/35 and Taxiway K.	03/05/2019 to 05/31/2020	In Progress		Phased closures on North Apron area.
B	TWY K	Reconstruction of TWY K. Construction includes demolition, paving, lighting, marking, and grading.	03/15/2020 to 08/31/2024	In Progress		Potential for limited impact to adjacent TWYs.

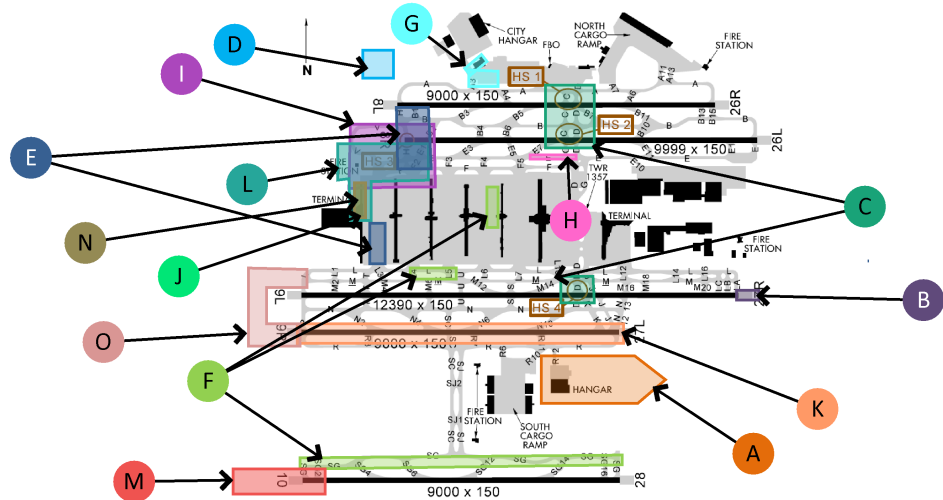
[Return to Table of Contents](#)

Key:

- American-AAL
- Delta-DAL
- Frontier-FFT
- JetBlue-JBU
- Other *less than 4%
- Silver-SIL
- Southwest-SWA
- Spirit-NKS
- United-UAL

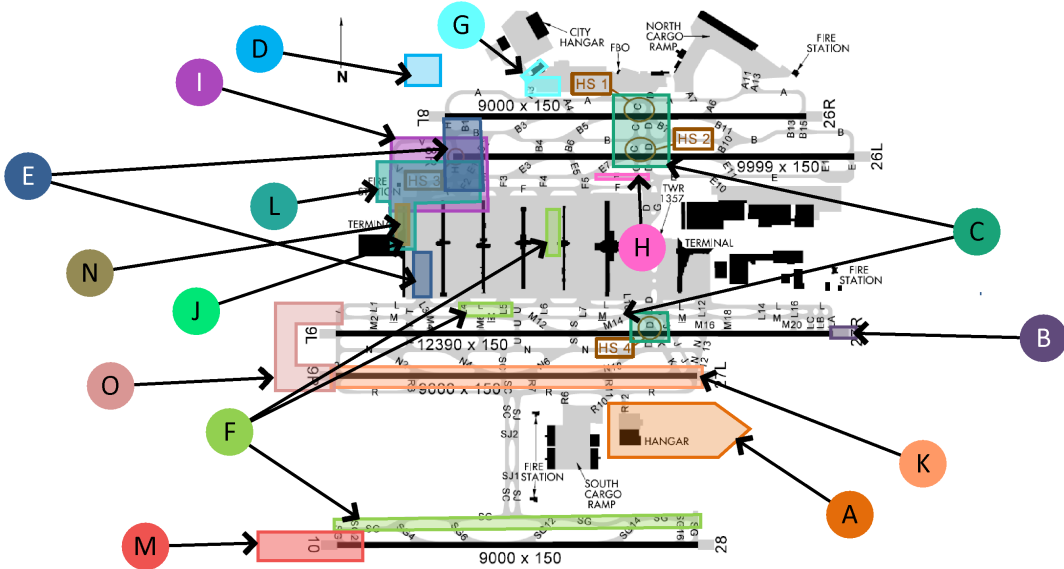


	2020												2021												2022											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
ATL																																				
CLT																																				
FLL																																				
MCO																																				
MIA																																				
TPA																																				



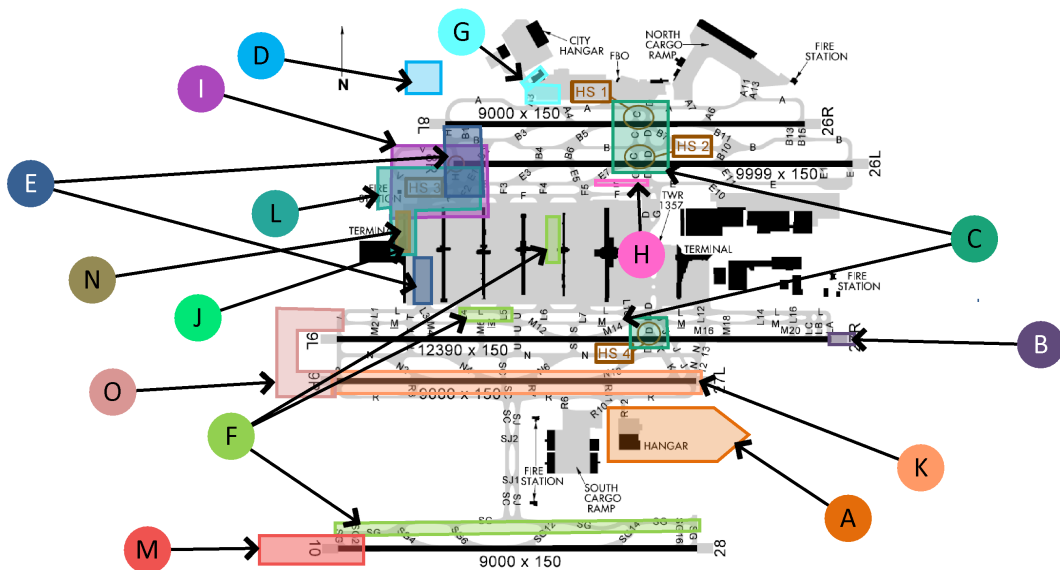
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	South Cargo Expansion																																				
B	RWY 27R RSA																																				
C	Hot Spots 1, 2, and 4																																				
D	Signature Helipad																																				
E	North Complex, Multiple TWYs																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	South Cargo Expansion	Air cargo facilities (Building E) will be moved to this area of the complex.	06/01/2017 to Q1 2020 TBD	In Progress		Development of Cargo Building E and supporting ramp to provide for additional cargo facility capacity for all-cargo/freighter carriers.
B	RWY 27R RSA	RWY 27R RSA improvements.	01/01/2020 to 2020 TBD	In Progress		Nightly closures.
C	Hot Spots 1, 2, and 4	RWY Incursion Mitigation Program (RIM) of RWY 8L/26R, HS1, TWY C, D, B intersections; RWY 8R/26L, HS2, TWY C, D intersections. HS4 at RWY 9L/27R TWY D intersections.	2020 TBD	Upcoming		RWY Incursion Mitigation Program (RIM) of HS1 and HS2. requires shifting of portions of TWYs C and D that intersect RWYs 8L/26R and 8R/26L at midfield. Phased project planned to minimize costs and airfield impacts.
D	Signature Helipad	Helipad at Signature removed.	2020 TBD	Upcoming		No impact to the operation.
E	North Complex, Multiple TWYs	Construction on Taxiways E, H and F and Ramp 1.	03/15/2020 to 05/15/2020	In Progress		TWY E from Ramp 1 to E1, TWY H from E to F, TWY F2.



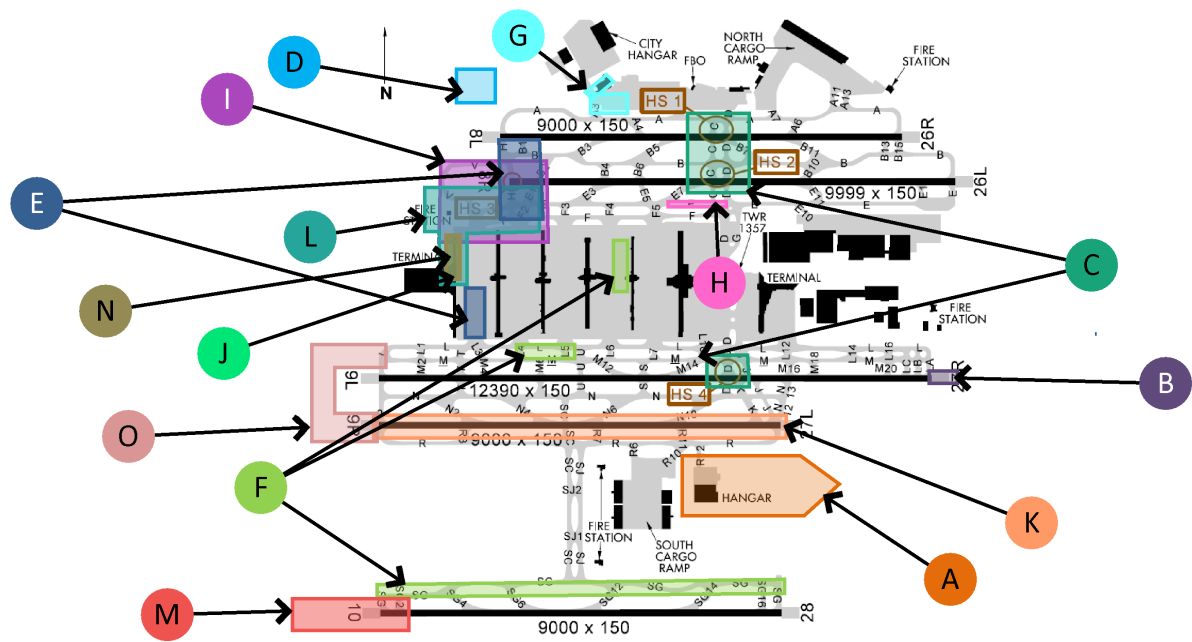
		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
F	South Complex, Multiple TWYs																																					
G	Ramp 19 and Taxilane A3																																					
H	TWY E																																					
I	TWY V Bypass																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	South Complex, Multiple TWYs	TWY L closed between L4 and L5. TWY SG and Ramp 4 are also closed for slab replacement.	05/16/2020 to 2020 TBD	Upcoming	■	
G	Ramp 19 and Taxilane A3	Ramp 19 and Taxilane A3 Pavement Replacement.	07/15/2020 to 10/15/2020	Upcoming	■	Dates could be changed to reflect April 1 - October 15, 2021. No impact to AT operations.
H	TWY E	TWY E closed between E7 and Dixie	Summer 2020 to 2020 TBD	Upcoming	■	This date could move as it has already been delayed twice. Minor impact to operation. No delays expected.
I	TWY V Bypass	Construction will affect TWY V, E, and F outside of Ramp 1N.	08/01/2020 to 10/01/2020	Upcoming	■	Start date could be moved to 2021. If TWY V is not available, will have to stage aircraft to cross RWY 8R/26L, impacting the departure rate on the North side.



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
J	Concourse T																																					
K	RWY 9R/27L																																					
L	Taxiway V																																					
M	RWY 10 Glideslope																																					

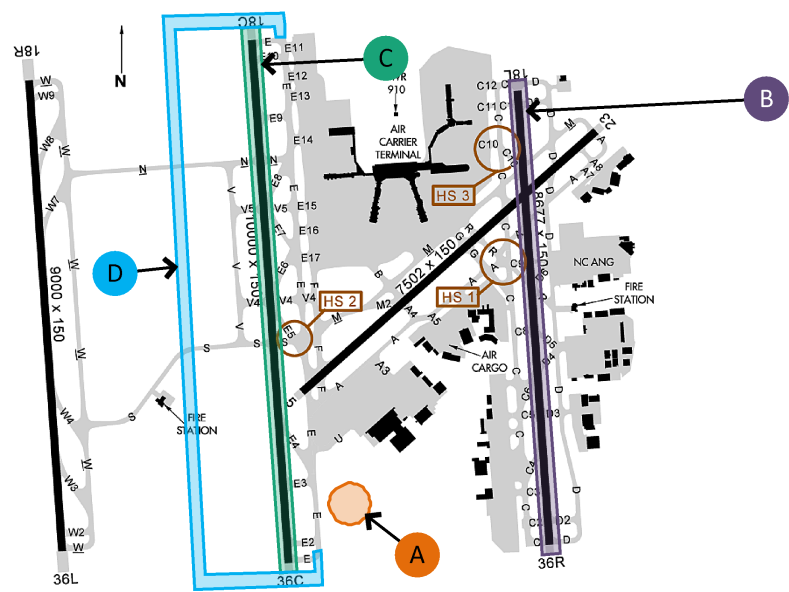
Project	Description of Work	Estimated Dates	Status	Impact	Notes
J	Concourse T	North extension; modify parking, apron areas, and construct 6 new gates to accommodate up to Aircraft Design Group (ADG) III.	09/01/2020 to Winter 2023	Upcoming	Concourse T will be extended. Construction will add 6 new gates.
K	RWY 9R/27L	RWY 9R/27L Closure for slab replacement.	09/22/2020 to 09/25/2020	Upcoming	Most likely TBFM delays through ZTL. Timesharing RWY 9L as both an arrival and departure runway. 6 SM final spacing with 160kts speed restrictions while in Trip Arrivals.
L	Taxiway V	TWY V realignment and redesign, for TWYs E, F, H, E1 and F2.	2021 TBD	Upcoming	Preliminary work to support the construction of, and use of Concourse T expansion. 4-phases to minimize the impact to operations.
M	RWY 10 Glideslope	Safety area improvements on north complex and grading of RWY 10 glideslope reflective plane.	03/01/2021 to 07/01/2021	Upcoming	Will reduce capacity during Instrument operations. Glideslope outage for 120 days. Localizer will be operational.



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
N	Concourse T North Expansion																																				
O	RWY 9L End-Around TWY																																				

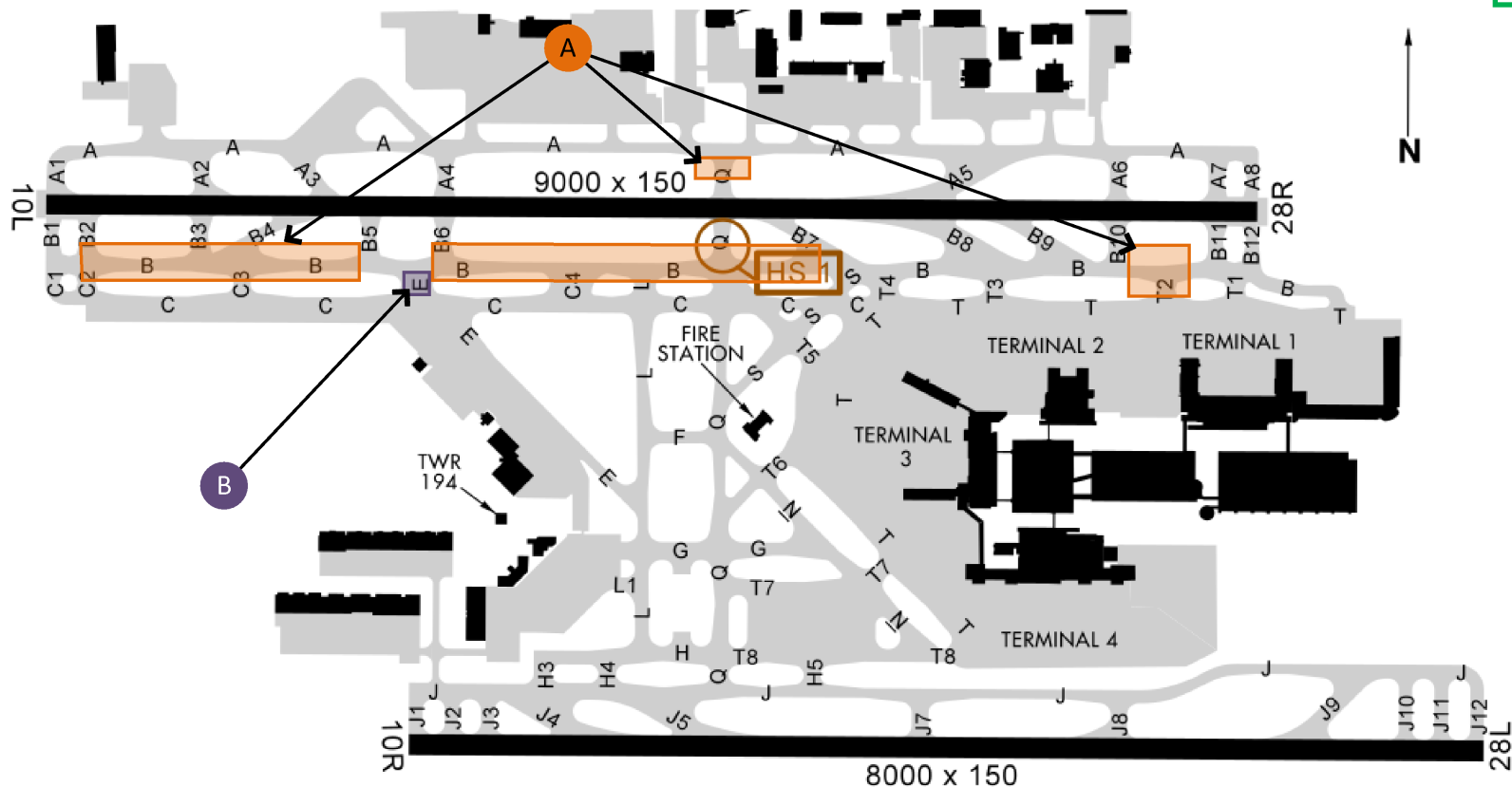
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
N	Concourse T North Expansion	Concourse T North expansion to construct 5 additional Aircraft Design Group (ADG) III gates.	04/01/2021 to 11/01/2022	Upcoming	■	May affect ground arrival flow rate.
O	RWY 9L End-Around TWY	Construction of an EAT at RWY 9L to provide more efficient capacity and reduce delays.	05/01/2021 to 08/01/2022	Upcoming	■	Impacts uncertain until designs are finalized.



[Return to Table of Contents](#)

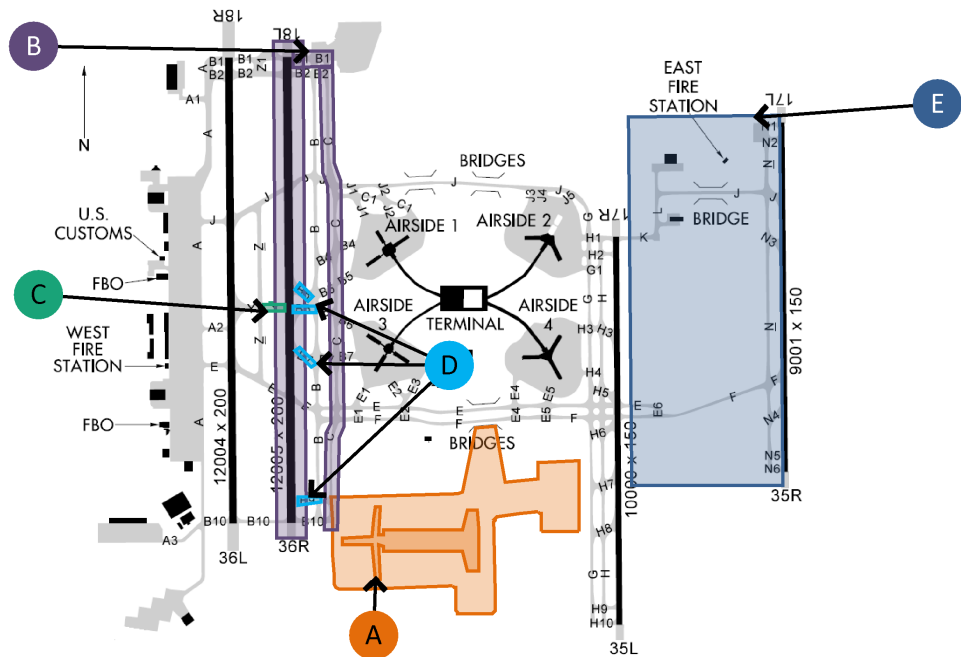


		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
A	Control Tower																																					
B	RWY18L/36R																																					
C	RWY 18C/36C																																					
D	New 4th Parallel RWY																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Control Tower	New FAA Control Tower.	06/02/2017 to 06/21/2020	In Progress		Tower should be commissioned and operational in early 2020.
B	RWY18L/36R	RWY 18L/36R closed for rehabilitation. First work area completed 12/31/2019.	09/01/2019 to 09/01/2020	In Progress		This project takes place nightly between 2315L-0715L.
C	RWY 18C/36C	RWY 18C/36C closed for joint seal replacement. Nightly closures.	09/01/2020 to 02/28/2021	Upcoming		This project work expected to occur during overnight hours, between 2315-0600L daily.
		RWY 18C/36C closed for joint seal replacement. Nightly closures.	09/01/2020 to 12/31/2020	Upcoming		This project expecting during overnight hours, between 2315-0600L daily.
D	New 4th Parallel RWY	Build new runway to add capacity, 10,000 ft. x 200 ft., plus end-around TWYs.	03/01/2023 to 03/01/2026	Upcoming		Multi-phased project. Design phase 2018. Possible service interruptions due to infrastructure system tie-ins. Possible arrival/departure impacts due to equipment, and construction cranes.

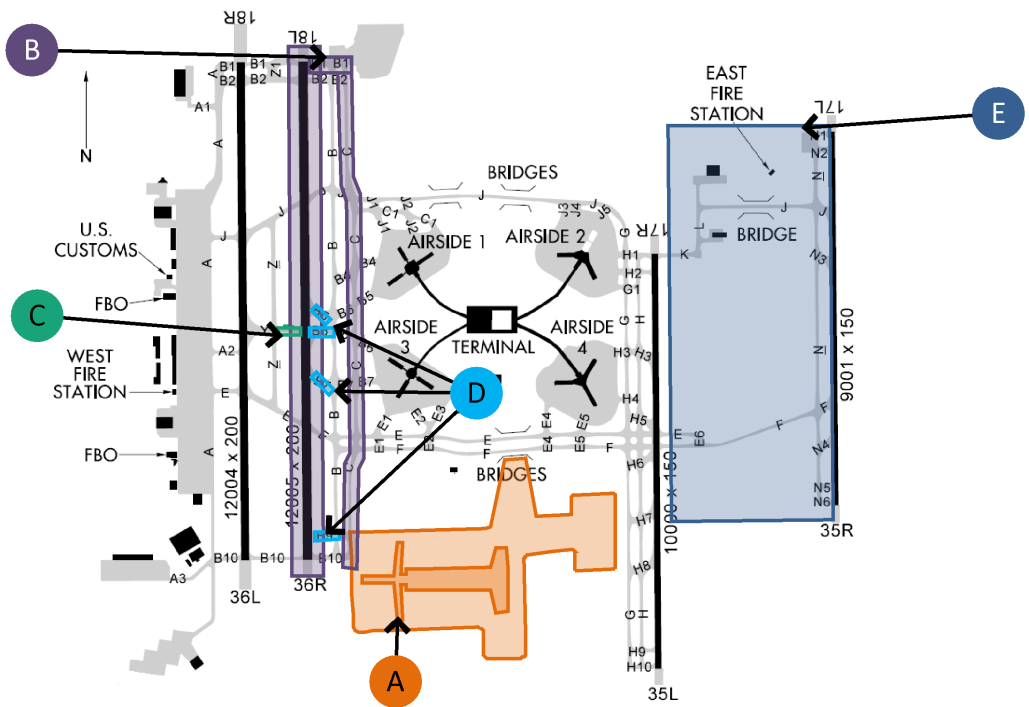
[illegible]

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWYs B & Q	Phase 4 (159 days) - TWY B and Q rehabilitation. TWY rehabilitation, includes milling and paving. New surface markings and signage.	06/03/2019 to 03/19/2020	Complete		Expected end of construction: Sat 3/19/2020.
B	TWY E	TWY E closed between TWY B and TWY C	11/18/2019 to 03/31/2020	In Progress		



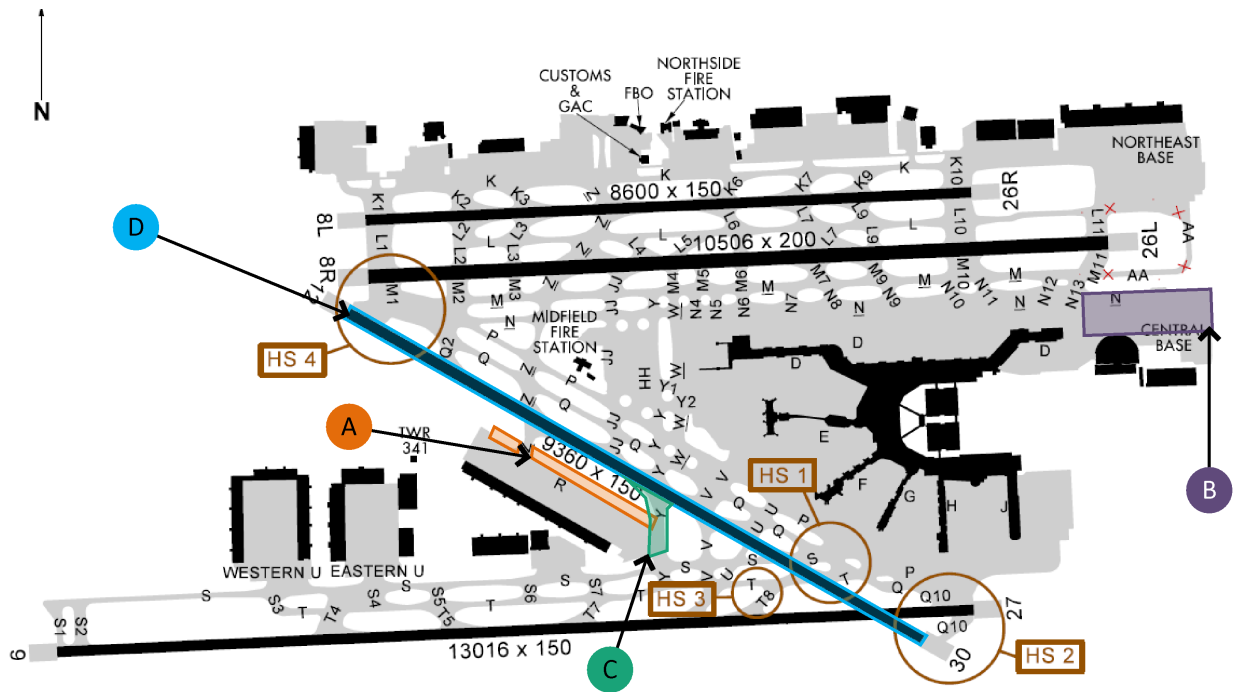
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	South Terminal Complex																																				
B	RWY 18L/36R TWY B1 & C																																				
C	TWY Y																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	South Terminal Complex	Construction of a South Terminal Complex and Intermodal Facility. Associated apron/taxiway construction. Limited RWY/TWY closures for tie-ins. Includes a 19-gate concourse and terminal.	June 2019 to Jun 2022 TBD	In Progress		Construction cranes may impact arrival minimums during inclement weather. Expecting some system impacts when taxiway closures are required. Associated limited impacts on RWYs and TWYs during construction of Virgin train rail network.
B	RWY 18L/36R TWY B1 & C	RWY 18L/36R closed for rehabilitation. TWY B1 and TWY C closed for milling/overlay, and other repairs. Improvements to pavement geometry, runway shoulder pavement widening, blast pad enhancements, markings, lighting, and signage.	01/13/2020 to 08/09/2020	In Progress		Runway 18R/36L will be a shared departure/arrival runway. More delays during weather requiring TMU initiatives. Possible longer taxi times. Additional TWY closures expected during construction.
C	TWY Y	TWY Y closed between RWY18L/36R and TWY Z	01/13/2020 to 08/09/2020	In Progress		



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
D	TWYs B5, B6, B7 and B9																																				
E	East-side Taxiways																																				

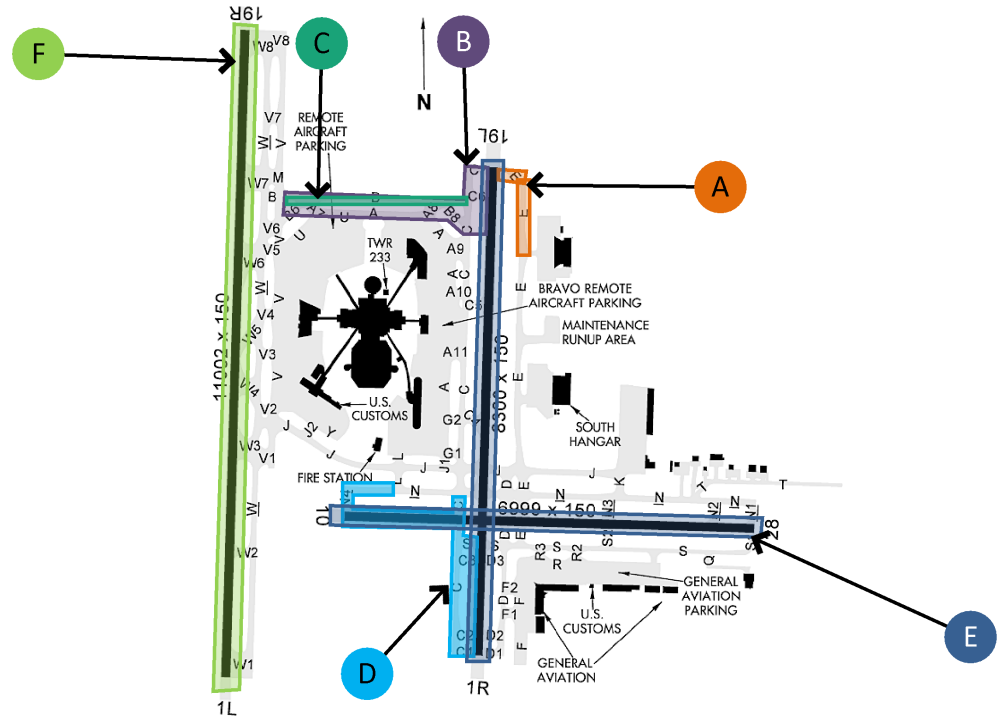
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWYs B5, B6, B7 and B9	TWYs B5, B6, B7 and B9 closed between RWY 18L/36R and TWY B	01/13/2020 to 08/09/2020	In Progress		
E	East-side Taxiways	Associated TWYs closed for rehabilitation, lighting, painting and signage on all taxiways between RWYs 17L and 17R.	Jan 2021 TBD to Sep 2022 TBD	Upcoming		Still in the design phase. If long term taxiway closures are encountered capacity could be reduced due to the fact we could not access RWY 17L/35R.



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
A	TWY R																																					
B	Central Base Ramp																																					
C	TWY Y																																					
D	RWY 12/30 Closure																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY R	TWY R closed for extension.	June 2019 to May 2021	In Progress		
B	Central Base Ramp	Central Base (East side) ramp expansion and taxiway tie-in.	June 2019 to 2022 TBD	In Progress		Project will impact operations during taxiway tie-in work at the N-13 intersection.
C	TWY Y	TWY Y closed for upgrades.	11/25/2019 to 05/30/2020	In Progress		Limited impact, with possible increased taxi times. Expecting major construction work during mid-shift hours.
D	RWY 12/30 Closure	Runway 12/30 closed for Taxiway R construction tie-in.	04/19/2020 to 06/22/2020	Upcoming		Taxiway R construction in progress; runway closure as indicated.

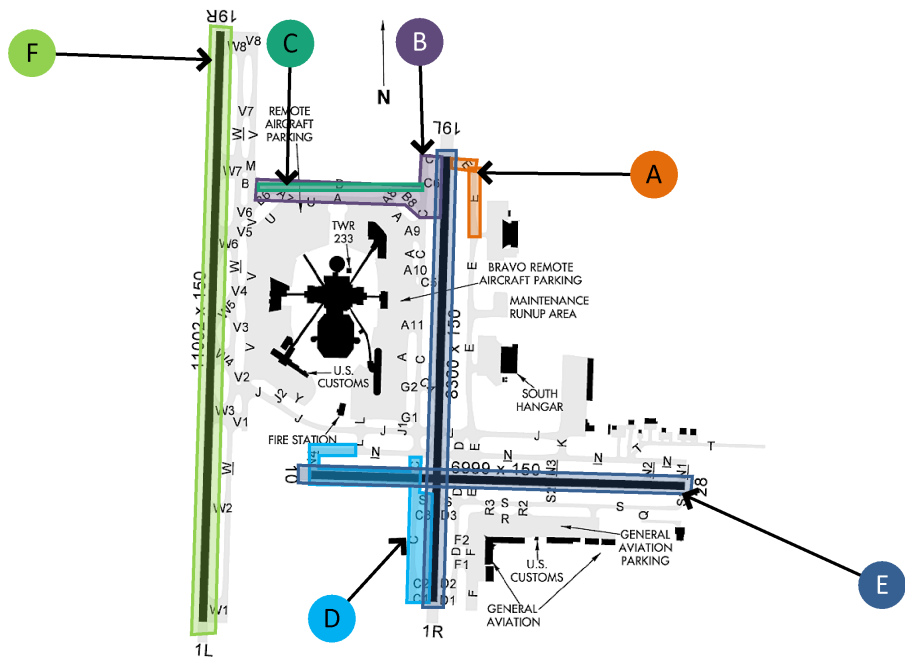
[Return to Table of Contents](#)



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	TWY E																																				
Not Depicted	Airfield Runway Threshold Lighting																																				
Not Depicted	Multiple TWYs																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY E	TWY E closed between airborne North Ramp and approach end RWY 19L. Closed to aircraft with wingspan more than 118FT.	07/23/2019 to 07/24/2020	In Progress		
Not Depicted	Airfield Runway Threshold Lighting	Runway threshold lighting on all runways will be upgraded to meet FAA standards.	10/01/2019 to 12/20/2020	In Progress		Single-day closures of each runway to complete this work. Possible airborne holding, expanded miles-in-trail, ground stop, or ground delay program.
Not Depicted	Multiple TWYs	Multiple TWYs closed temporarily for renaming taxiways and signage.	11/04/2019 to 05/31/2020	In Progress		

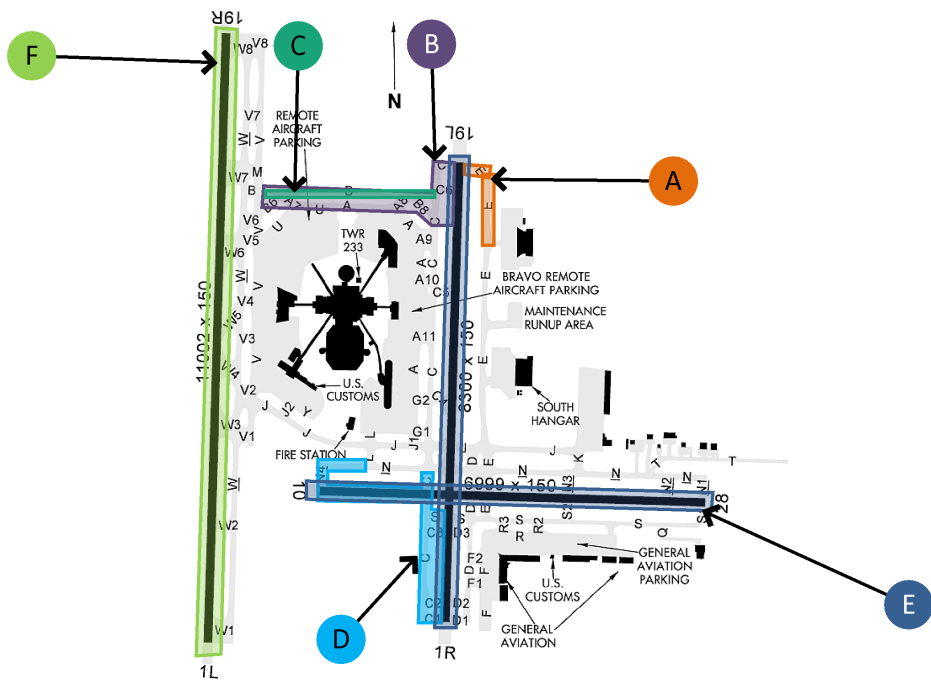
[Return to Table of Contents](#)



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
B	TWY A Bridge																																					
C	TWY B																																					
D	RWY 1R/19L Lights																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
B	TWY A Bridge	TWY A bridge closed for construction. TWY B closed between TWY C and TWY V. Restricted to Group III or smaller thru 12/2020. Associated TWYs B8, C6, C7 closed 2/2020 – 5/2020.	12/08/2019 to December 2020	In Progress		
C	TWY B	TWY B closed between TWY C and TWY V to aircraft with wingspan more than 118FT.	12/08/2019 to 03/31/2020	In Progress		
D	RWY 1R/19L Lights	Installation of runway guard lights (RGLs) on the taxiways around the intersection of RWY 10/28 and RWY 1R/19L.	02/17/2020 to Nov 2020 TBD	In Progress		Project expected to close associated TWYs which impact aircraft entering/exiting RWYs.

[Return to Table of Contents](#)



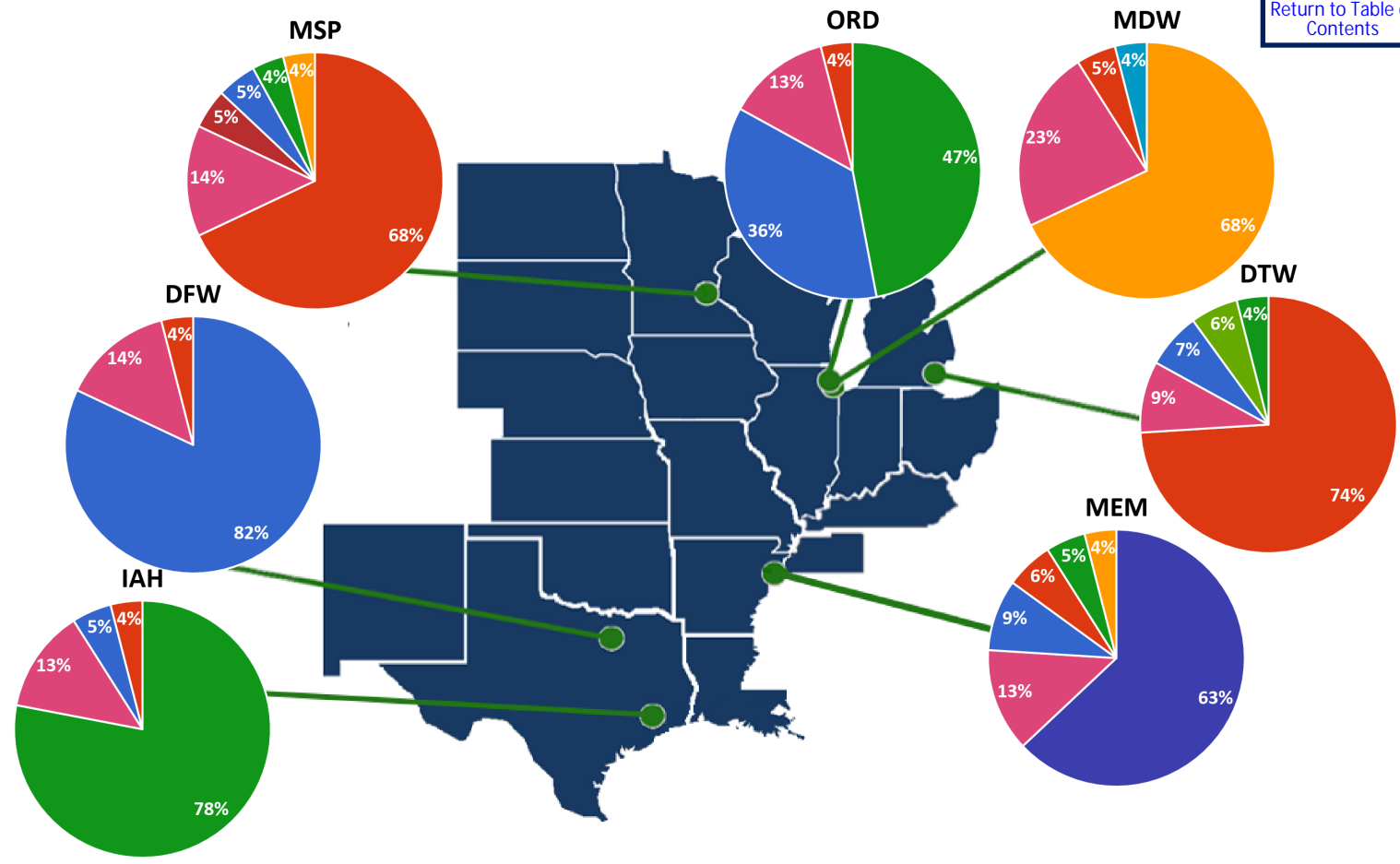
		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
E	RWYs 1R/19L & 10/28																																					
F	RWY 1L/19R																																					
Not Depleted	FY 20 runway slab replacements																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	RWYs 1R/19L & 10/28	RWYs 1L/19R and 10/28 closed for multiple runway and RSA projects.	02/17/2020 to Nov 2020 TBD	In Progress	■	Expecting arrival and departure delays due to reduction in airport capacity. Possible arrival holding, expanded miles-in-trail, ground stops or ground delay programs.
F	RWY 1L/19R	RWY 1L/19R closed for multiple runway and RSA projects.	02/24/2020 to Jun 2020 TBD	In Progress	■	Expecting arrival and departure delays due to reduction in airport capacity. Possible arrival holding, expanded miles-in-trail, ground stops or ground delay programs.
Not Depicted	FY 20 runway slab replacements	Multiple runway and taxiway closures for slab replacements.	05/01/2020 to 12/01/2020	Upcoming	■	Expecting arrival and departure delays due to reduction in airport capacity. Possible arrival holding, expanded miles-in-trail, ground stops or ground delay programs.

[Return to Table of Contents](#)

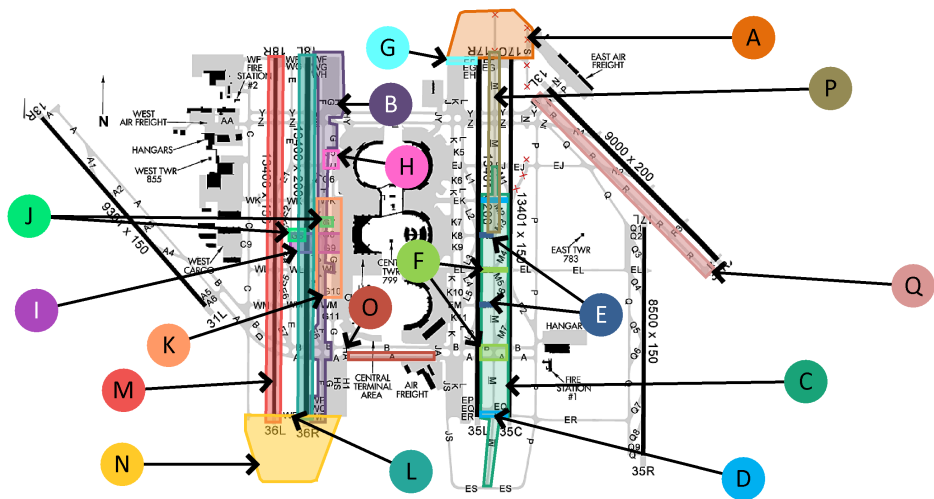
Key:

- American-AAL
- Delta-DAL
- Federal Express-FDX
- Netjets Aviation
- Other *less than 4%
- Southwest-SWA
- Spirit-NKS
- Sun Country-SCX
- United-UAL



	2020												2021												2022													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
DFW																																						
DTW																																						
IAH																																						
MDW																																						
MEM																																						
MSP																																						
ORD																																						

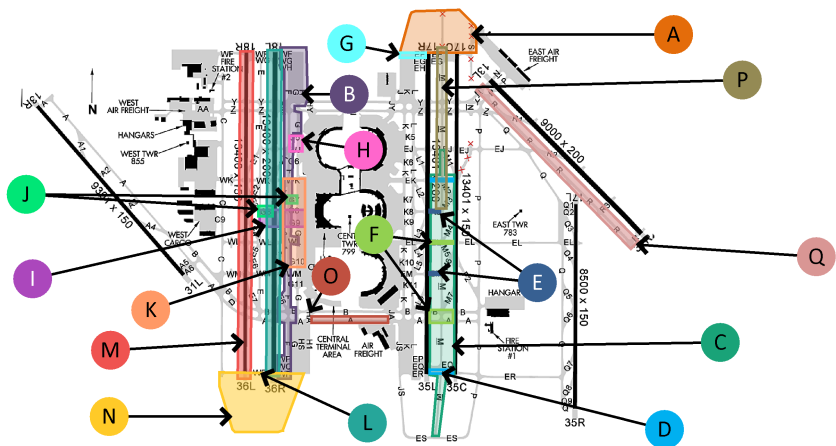
[Return to Table of Contents](#)



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	Northeast End-Around Taxiway																																				
B	TWY F & G																																				
C	TWY M South																																				

Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWYs 17C and 17R, Northeast End-Around Taxiway (EAT). Package I: TWY P realignment will need non-simultaneous closures of TWYS Y/N and Z/P, 5/24/18 to 10/19/2019.	05/24/2018 to 12/31/2020	In Progress		
	Package II: Includes construction of TWY N from the N1 high speed and connection to TWY M.	03/01/2020 to 12/31/2020	In Progress		
	Package III: Glycol facilities relocation near the approach end of RWY 17R.	07/09/2019 to 06/30/2020	In Progress		
B	TWY F and associated TWYs closed for rehabilitation. Includes reconstruction TWY F shoulder. Expansion of fillets at key intersections. Includes reconstruction of portions of TWY G between TWY Z and TWY G5. Replace and expand asphalt shoulders, concrete panels, expand pavement at key intersections.	July 2019 to March 2020	In Progress		Multiple access points will be left open to minimize impact. Possible increase to taxi-out/taxi-in times. Includes Upgrading to LED TWY lighting.
C	TWY M South closed for construction.	10/30/2019 to Aug 2020 TBD	In Progress		Lessened access to high speed turn-offs in south flow will increase taxi-in times.

[Return to Table of Contents](#)



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
D	TWY ER & EK																																					
E	TWYs EM & K8																																					
F	TWYs A, B, EL																																					
G	TWY EF																																					
H	TWY G																																					
I	TWYs G8 and G9																																					

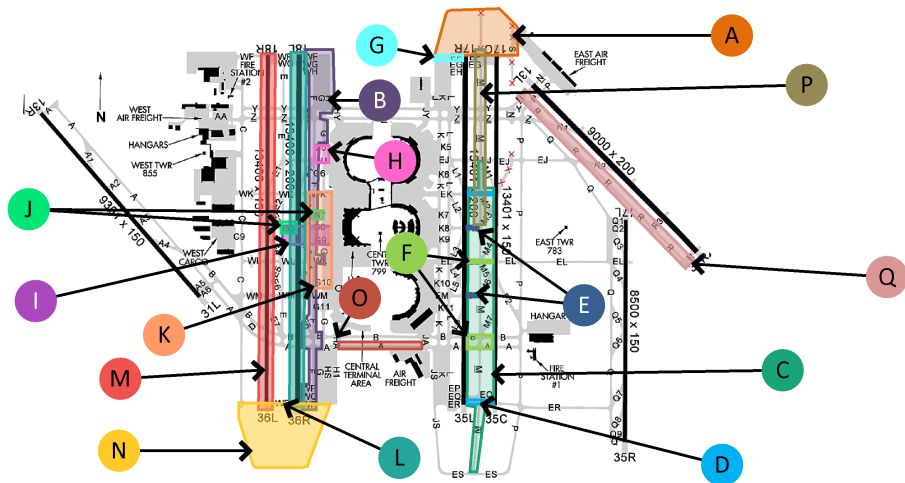
Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWY ER & EK	TWY ER closed between approach end of RWY 35C and approach end of RWY 35L. TWY EK closed between RWY 17C/35C and RWY 17R/35L.	11/01/2019 to 03/31/2020	In Progress	
E	TWYs EM & K8	TWY K8 closed between RWY 17R/35L and TWY M. TWY EM closed between RWY 17R/35L and TWY M.	11/01/2019 to 09/30/2020	In Progress	
F	TWYs A, B, EL	TWYs A, B and EL closed between RWYs 17C/35C and 17R/35L.	11/01/2019 to 09/30/2020	In Progress	
G	TWY EF	TWY EF closed between approach end of RWY 17R and TWY J	01/08/2020 to 04/15/2020	In Progress	
H	TWY G	TWY G closed between TWY G5 and WJ to aircraft with wingspan more than 118FT	01/20/2020 to 04/01/2020	In Progress	
I	TWYs G8 and G9	TWYs G8 and G9 closed between RWY 18L/36R and TWYs F and G	01/29/2020 to 05/01/2020	In Progress	

■ No capacity effect

■ Reduced Capacity and Delay impact

■ Reduced Capacity and Greater Delay Impact

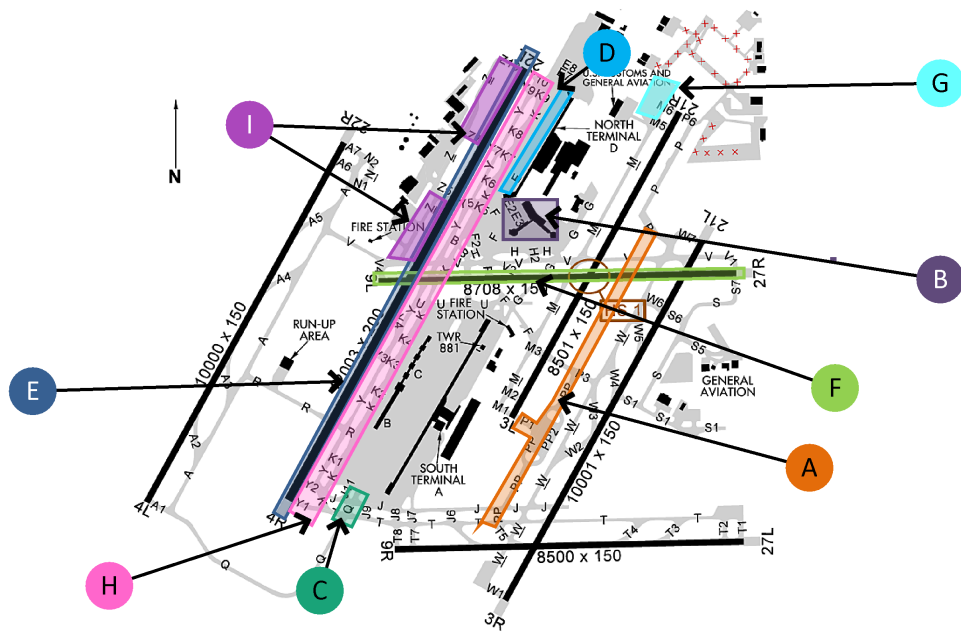
■ To be determined



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
J	TWYs G7 & G8																																					
K	TWYs F, F3, F4, WL																																					
L	RWY 18L/36R																																					
M	RWY 18R/36L																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
J	TWYs G7 & G8	TWY G7 closed between TWY F and TWY G. TWY G8 closed between TWY E and RWY 18L/36R	01/29/2020 to 05/30/2020	In Progress		
K	TWYs F, F3, F4, WL	TWY F, F3 and F4 closed between RWY 18L/36R from TWY WK to G10. TWY WL closed between TWY E and TWY G.	01/30/2020 to 05/30/2020	In Progress		
L	RWY 18L/36R	RWY 18L/36R nightly closures in preparation for upcoming rehabilitation.	02/01/2020 to 05/31/2020	In Progress		Preparation for full closure.
M	RWY 18R/36L	Reconstruction of keel (center) section of RWY. Mill and overlay. Upgrades to drainage, electrical, and lighting systems. NAVAIDs adjustment.	03/01/2020 to 08/17/2020	In Progress		Preparation for full closure. RWY 18R/36L nightly closures in preparation for upcoming rehabilitation.
		RWY 18R/36L closed for rehabilitation.	08/18/2020 to 04/30/2021	Upcoming		Lowered AAR for the duration of construction will require greater use of TMLs, GDP, and MIT. Expecting TWYs A and B to reopen on 12/8/20.
		Full closure until 4/16/21, followed by flight checks between 4/17/21 to 4/30/21. RWY 18R/36L closed for completion of rehabilitation. Closed nightly between 2300 to 0600 (as needed).	05/01/2021 to 08/30/2021	Upcoming		Nightly work estimated for 122 Calendar Days.

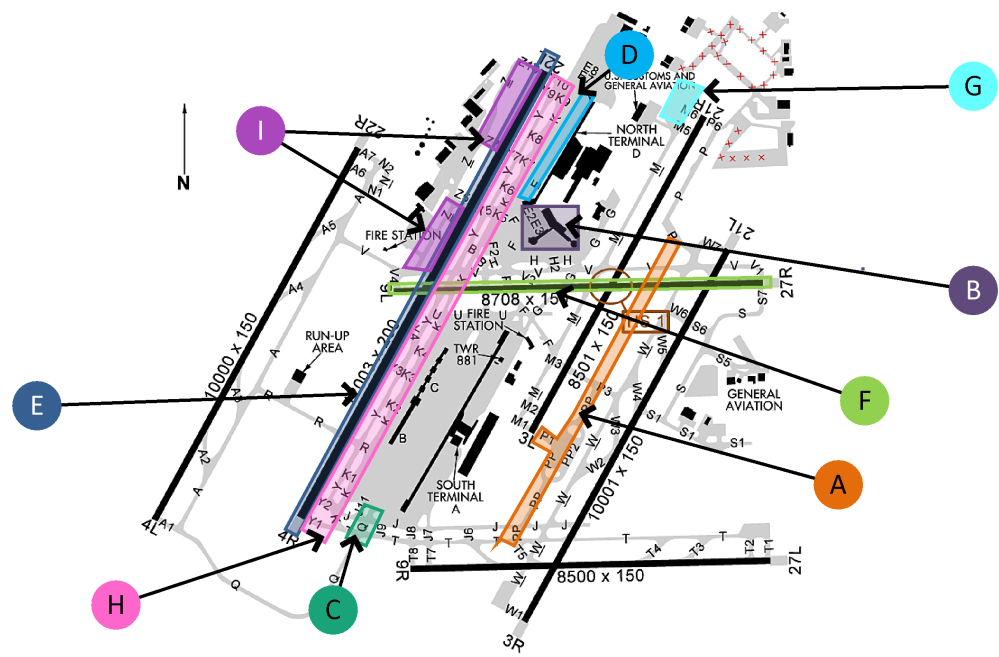
[Return to Table of Contents](#)



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	TWYs P & PP																																				
B	Centralized Deicing Facility (CDF)																																				
C	McNamara Apron Rehabilitation																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWYs P & PP	Taxiway PP will be reconstructed from Taxiway T to Taxiway P3. Taxiway P will be extended from Taxiway P3 to the north to connect with Taxiway P north of Taxiway V. The remaining portion of Taxiway P will be reconstructed and will be decoupled from Taxiway W.	04/01/2020 to 09/16/2020	Upcoming		Multi-phased project to allow for crossings to be maintained and facilitate ground movement of aircraft from Runway 3R-21L and tenant locations.
B	Centralized Deicing Facility (CDF)	New deicing facility and RON parking will be constructed. Work location is north of Taxiway H, west of Taxiway G, east of Taxiway K.	04/01/2020 to 11/02/2020	Upcoming		Project is in non-movement area and is phased to minimize disruption to adjacent deicing facilities. Project will impact the number of RON parking positions and 3 or 4 gates at the south end of the North Terminal.
C	McNamara Apron Rehabilitation	Apron around the south terminal (McNamara) will be rehabilitated. May include Phase 1 of Taxilanes U9 and Q rehabilitation.	04/01/2020 to 11/15/2021	Upcoming		Project is in non-movement area and will be broken into phases. Project is not expected to have much impact on ground movement.

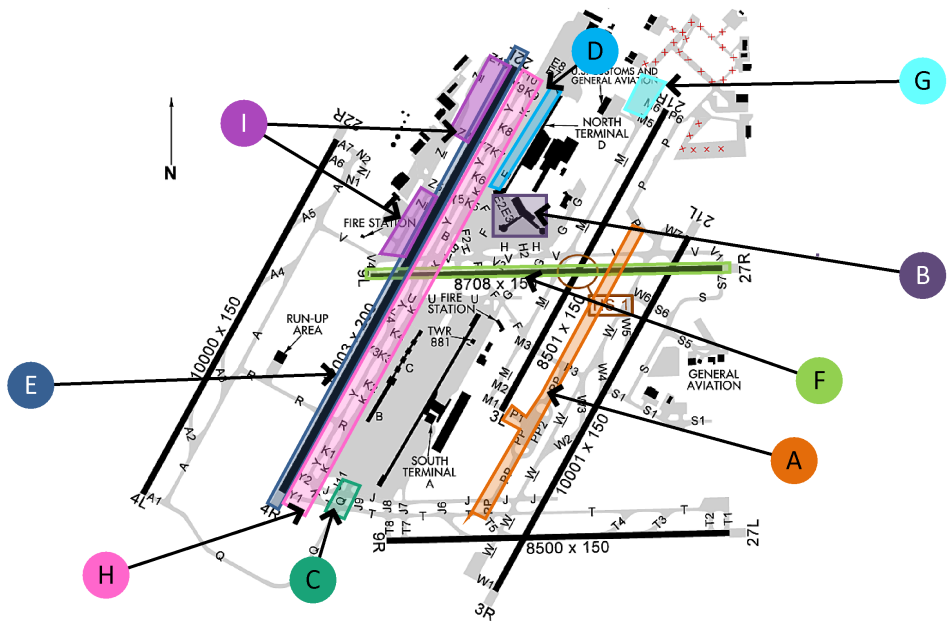
[Return to Table of Contents](#)



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
D	North Terminal Expansion																																					
E	RWY 4R/22L:																																					
F	RWY 9L/27R																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	North Terminal Expansion	North Terminal Apron rehabilitation in the vicinity of Taxilane E7 and E8.	04/15/2023 to 07/30/2023	Upcoming		Project is in non-movement area. Minimal impact to aircraft ground movement is expected. Project scope was expanded and will continue into 2023 and included non-movement areas of Taxilane K.
		North Terminal gate expansion (3 gates), Apron rehabilitation, and return overnight (RON) parking.	04/15/2020 to 07/30/2020	Upcoming		Project is in non-movement area, minimal impact to aircraft ground movement is expected. Project scope was expanded and will continue into 2020 and included non-movement areas of taxilane K.
E	RWY 4R/22L:	The planned closure of RWY 4R/22L will give DTW a max rate of 86. The triple arrival configuration will be unavailable during this time.	04/20/2020 to 05/21/2020	Upcoming		
F	RWY 9L/27R	Runway will be closed so that Taxiway P can be constructed to cross Runway 9L-27R.	05/15/2020 to 08/30/2020	Upcoming		Runway 9L-27R is primary departure runway during crosswind conditions (<3% of the time). Phasing has been scheduled outside of the crosswind season to minimize potential need for use.

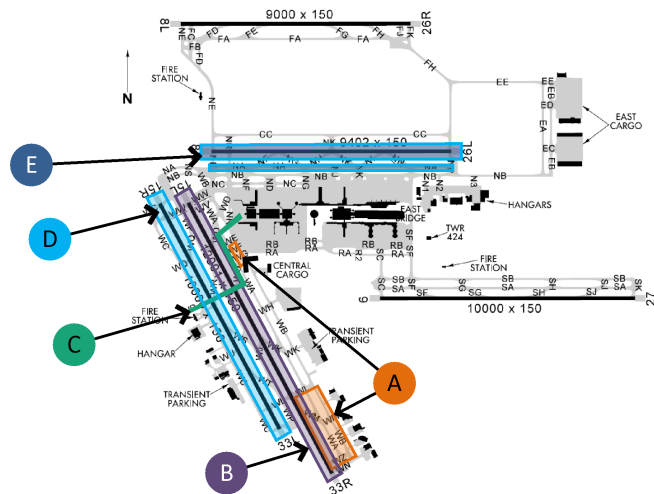
[Return to Table of Contents](#)



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
G	Runway 21R deicing pad removal																																					
H	TWYs K & Y																																					
I	TWY Z																																					

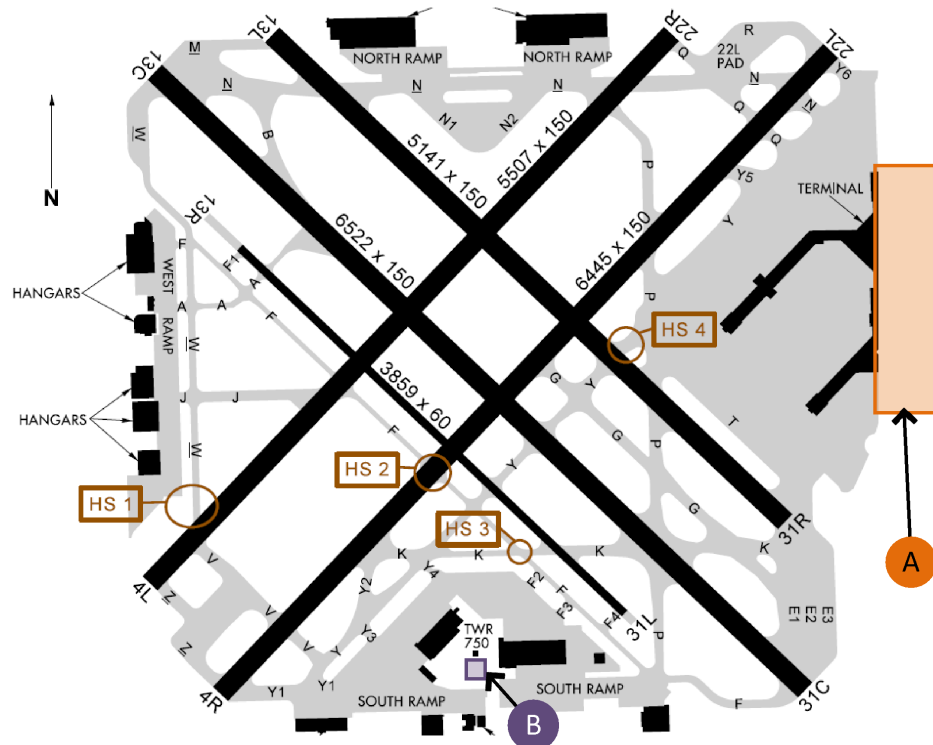
Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	Runway 21R deicing pad removal	21R deicing pad will be removed and a new taxiway hold bay created.	06/01/2020 to 09/10/2020	Upcoming	Project will demolish 21R Deice pad and construct a hold bay. Runway 3L-21R will remain open during construction.
H	TWYs K & Y	Rehabilitate Taxiway Y between Taxiway Y9 and Taxiway V and Rehabilitate Taxiway K between Taxiway Y2 and Taxiway R and Taxiway K between Taxiway Y4 and Taxiway U.	07/01/2020 to 11/15/2020	Upcoming	Project is in movement area and will be broken up into phases to minimize impact to aircraft ground movement. It is not anticipated to require closure of runway 4R-22L.
		TWYs K and Y closed for rehabilitation and reconstruction.	04/01/2021 to 11/15/2021	Upcoming	Project is in movement area and will be broken up into phases to minimize impact to aircraft ground movement. It is not anticipated to require closure of runway 4R-22L. Most work will occur in 2021.
I	TWY Z	TWY Z relocation between TWY V and TWY Z5, and rehabilitation of pavement section between Z7 and Z10.	04/01/2022 to 11/15/2022	Upcoming	Taxiway Z will be relocated out to standard separation.



[Return to Table of Contents](#)



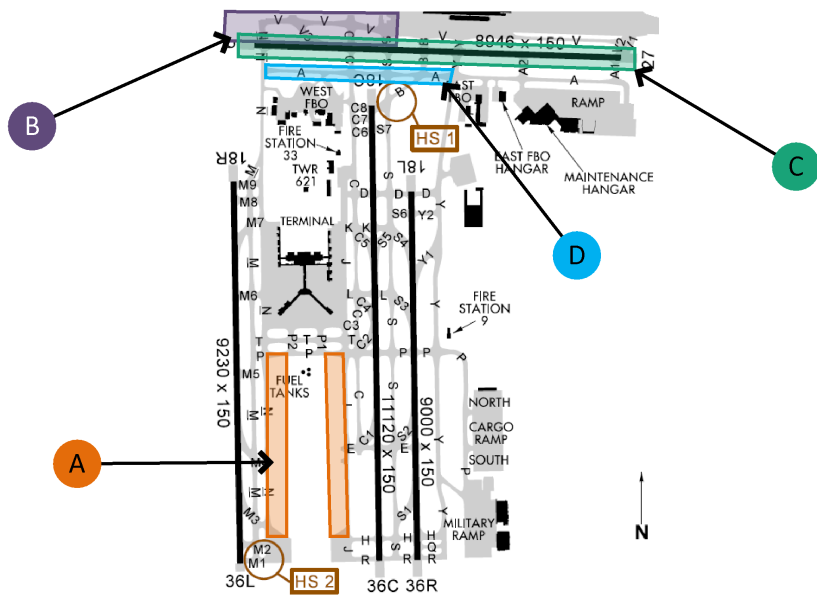
		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
A	TWY WA & WB																																					
B	RWY 15L/33R																																					
C	Airport Sanitary Sewer Mains																																					
D	RWY 15R/33L																																					
E	RWY 8R/26L & TWYs																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY WA & WB	Reconstruction of Taxiway WA to make ADG VI compliant. Rehabilitation of TWY WB.	October 2018 to 12/31/2019	Complete		TWY WA will be returned to service prior to TWY WB closure.
		Complete reconstruction of Taxiway WB.	Jan 2020 TBD to October 2021	In Progress		Will begin phasing closures a few weeks after TWY WA opens.
B	RWY 15L/33R	RWY 15L/33R closed for maintenance.	01/06/2020 to 01/26/2020	Complete		RWY 15L/33R is a primary departure runway. When necessary, arrival runways will share with departures to mitigate delays. Possible 15 to 30 minute delays.
C	Airport Sanitary Sewer Mains	Rehabilitation of sewer line from Terminal A Southbound, then West of TWY WC.	Winter 2020 TBD to Spring 2021 TBD	Upcoming		Project delayed, estimated project duration 419 days.
D	RWY 15R/33L	RWY 15R/33L closed for maintenance.	02/16/2020 to 03/08/2020	Complete		RWY 15R/33L is a primary departure runway. When necessary, arrival runways will share with departures to mitigate delays. Possible 15 to 30 minute delays.
E	RWY 8R/26L & TWYs	RWY 8R/26L closed for resurfacing, and electrical upgrades. TWY NA closed in conjunction for widening to accommodate ADG VI aircraft.	Q3 2020 TBD to Q3 2021 TBD	Upcoming		Expecting project to start late 2020 or early 2021.

[illegible]

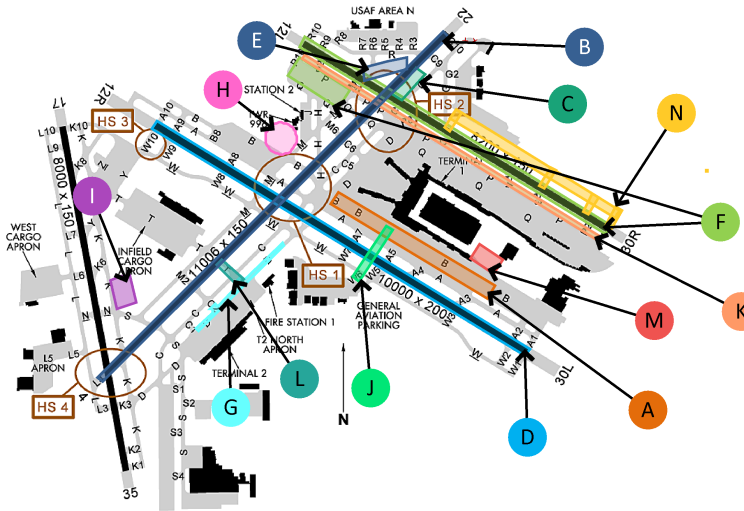
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminal Parking Garage	Expansion of the existing terminal parking structure.	01/01/2018 to 08/14/2020 TBD	In Progress		This project should be minimal impact. During occasional weather periods the RNAV 22L approach may have increased minimums.
B	RTR Relocation	RTR to be relocated from existing location to existing GA Apron. Moving RTR from middle of the airfield to the southwest corner of the airfield.	02/12/2020 to 07/01/2021	In Progress		Project will be scheduled for limited impact. Main transmitters replaced and preliminary antenna grounding completed 2/12/2020. Next phase to replace standby transmitters scheduled for 3/10/2020.

[Return to Table of Contents](#)



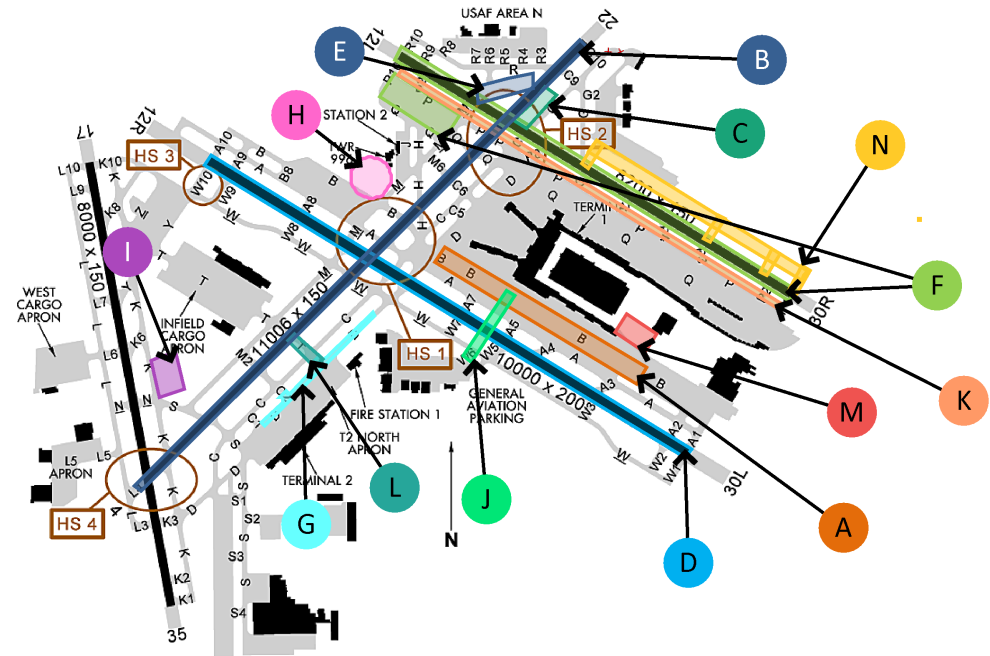
		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
A	TWYs N & J Deicing Pad																																					
B	Ramp Area																																					
C	RWY 9/27 Status Lights																																					
D	TWY A																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWYs N & J Deicing Pad	TWYs N & J, deicing (glycol collection) pad between RWY 36L and 36C.	September 2017 to August 2022	In Progress	■	Area affects approaches during CAT 2/3 conditions. Airport will lower crane(s) when anticipating CAT 2/3 conditions to mitigate impact. However, some CAT 2/3 conditions may still add impact.
B	Ramp Area	Fed Ex ramp western area expansion.	02/01/2019 to 11/30/2020	In Progress	■	Sub projects associated with this operation expected to fluidly affect taxi operations. Crane operations planned.
C	RWY 9/27 Status Lights	RWY 9/27 runway status lights (RWSL) system will be installed.	2021 TBD	Upcoming	■	Construction dates are TBD. Impact level will be changed if there is any effect on capacity or delays.
D	TWY A	TWY A (West) full-depth reconstruction of approx. 4,125 ft. Includes demolition, grading, drainage, airfield signage, markings, and electrical lighting. Duration 4 months	Summer 2022	Upcoming	■	Preconstruction meeting with airport authorities and discussion included construction dates and potential impacts. Construction will be done in sections. Impact level will be changed if there is any effect on capacity or delays.

[illegible]

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY B	Adding Centerline Lighting for Taxiway B.	05/01/2020 to 09/30/2020	Upcoming	■	Work to be completed on overnights.
		Adding Centerline Lighting for Taxiway Q.	05/07/2019 to 11/29/2019	Complete	■	Work to be completed on overnights.
B	RWY 4/22 & TWYs	Runway 4/22 Closure for Lighting Upgrade.	09/30/2019 to 12/14/2019	Complete	■	Limited operational impact is anticipated.
		Runway and taxiways closed for LED Lighting Upgrade.	04/01/2020 to 11/30/2020	Upcoming	■	Limited operational impact is anticipated. During nighttime operations, the runway will not be available for taxi.
C	Miscellaneous Airfield Construction	Grading and drainage improvements to RSAs, airfield pavement marking modifications, and electrical upgrades to airfield signs and runway guard lights.	2020 TBD	Upcoming	■	
D	Runway 12R/30L LED Lighting Upgrades	LED Lighting Upgrades will occur for Runway 12R/30L.	May 2020 to October 2020	Upcoming	■	Limited operational impact is anticipated. Overnight construction.

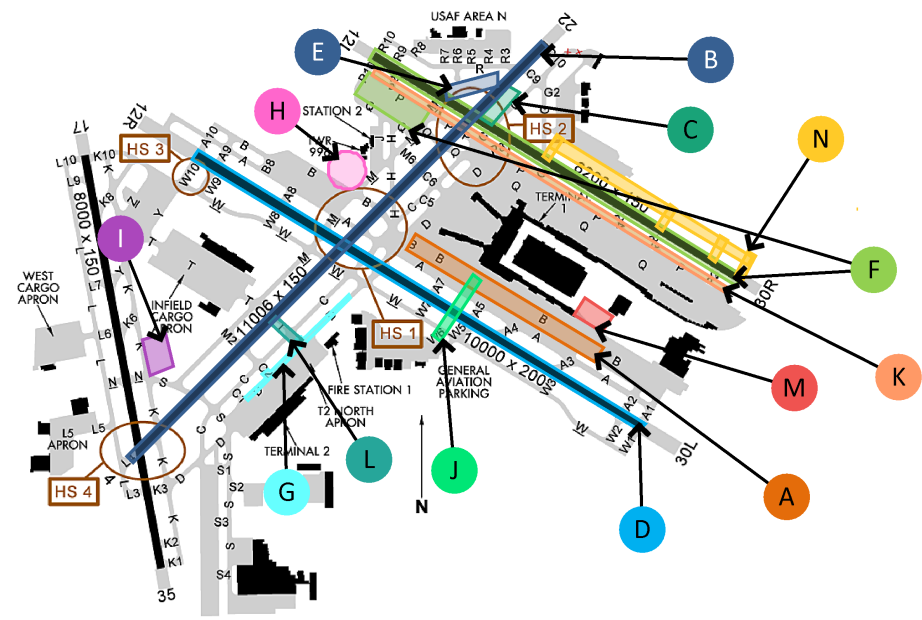
[Return to Table of Contents](#)



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
E	Sanitary Sewer Replacement TWY R																																				
F	RWY 12L/30R and TWYs P &Q LED Lighting Upgrade																																				
G	TWY D																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	Sanitary Sewer Replacement TWY R	Relocate the sanitary sewer between Taxiway R and the USAF apron area.	June 2020 to October 2020	Upcoming	■	The project will require replacement of portions of the apron pavement and connecting taxiways.
F	RWY 12L/30R and TWYs P & Q LED Lighting Upgrade	Runway Edge Lights, Centerline lights, and touchdown zone lights to be replaced with LED lights on RWY 12L/30R. Taxiway edge lights will be replaced with LED lights on TWY P and a portion of the West end of TWY Q.	Jun 2020 TBD to Oct 2020 TBD	Upcoming	■	
G	TWY D	TWY D closed for reconstruction. Reconstruction of a portion of TWY D between TWY W and Connector C1.	July 2020 to October 2020	Upcoming	■	Multi-phased project. Limited taxi restrictions on ADG III and IV aircraft.

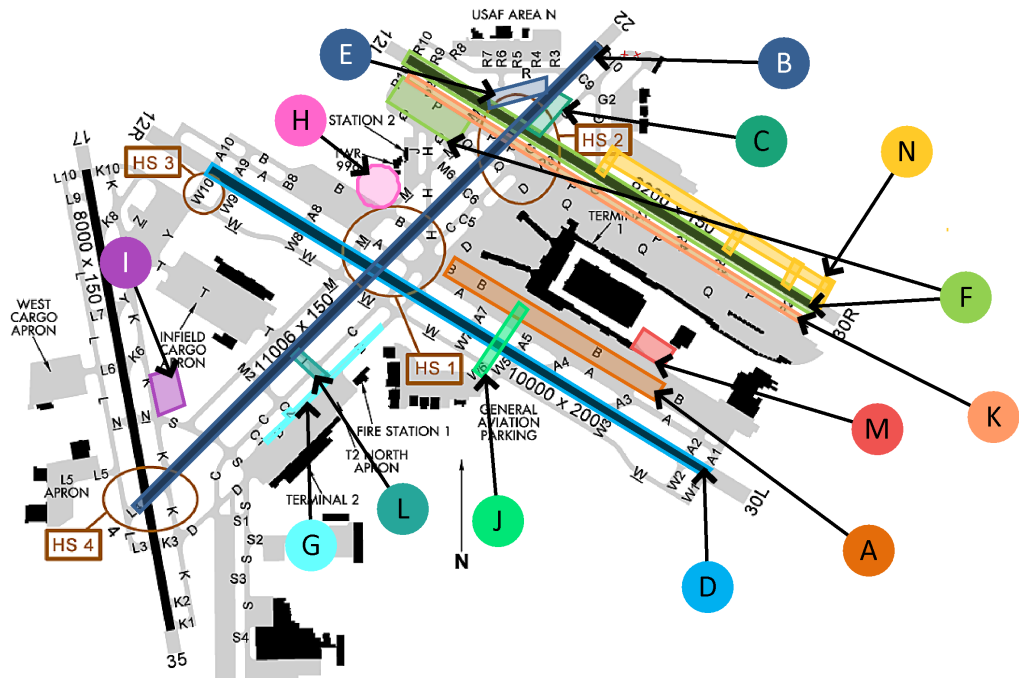
[Return to Table of Contents](#)



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
H	New ARFF Station																																					
I	Glycol Tanks Repair																																					
J	RWY 12R/30L Tunnel Storm Sewer																																					
K	TWY P Reconstruction																																					

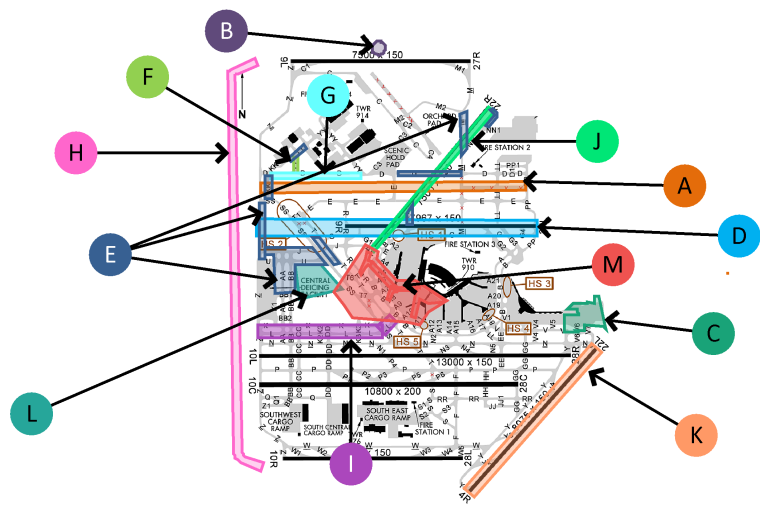
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	New ARFF Station	Relocation and construction of Airport Rescue and Fire Fighting (ARFF) station-2nd.	June 2020 to September 2020	Upcoming		Dates are tentative. Airspace impacts are currently being analyzed by FAA LOBs. Expecting crane impacts.
I	Glycol Tanks Repair	Repair of leaking construction joints and cracks in the glycol tanks.	07/01/2020 to 08/01/2020	Upcoming		
J	RWY 12R/30L Tunnel Storm Sewer	Replacing storm sewer main inside the existing 12R/30L vehicular tunnel.	07/01/2020 to 10/01/2020	Upcoming		
K	TWY P Reconstruction	Taxiway P to be reconstructed in 2021.	2021 TBD	Upcoming		

[Return to Table of Contents](#)



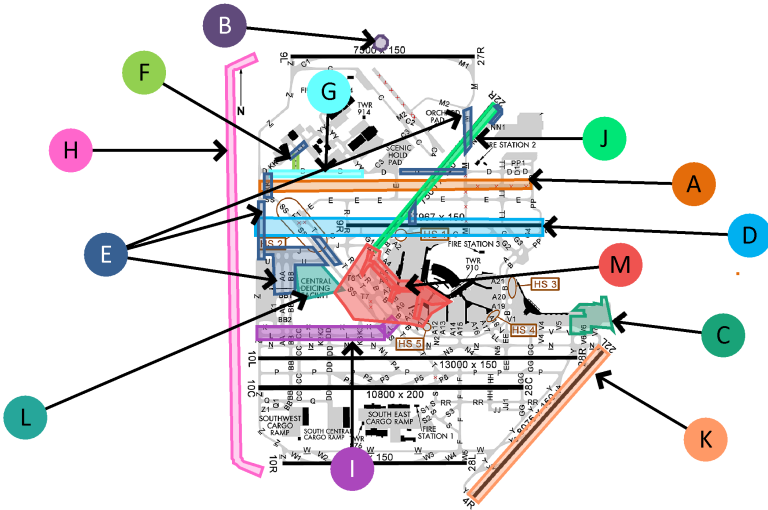
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
L	TWY T Centerline lights																																				
M	Terminal 1 Apron Pavement Reconstruction																																				
N	Parallel TWY North of 30R																																				

Project	Description of Work	Estimated Dates	Status	Impact	Notes
L TWY T Centerline lights	Taxiway T centerline lights to be replaced in 2021.	2021	Upcoming	■	
M Terminal 1 Apron Pavement Reconstruction	Terminal 1 Apron will be reconstructed tentatively scheduled to begin in 2022.	2022 TBD to 2027 TBD	Upcoming	■	
N Parallel TWY North of 30R	RWY 30R Parallel TWY construction.	2023 TBD to 2025 TBD	Upcoming	■	Construction of a parallel Taxiway on north side of 30R from approach end to Taxiway G.



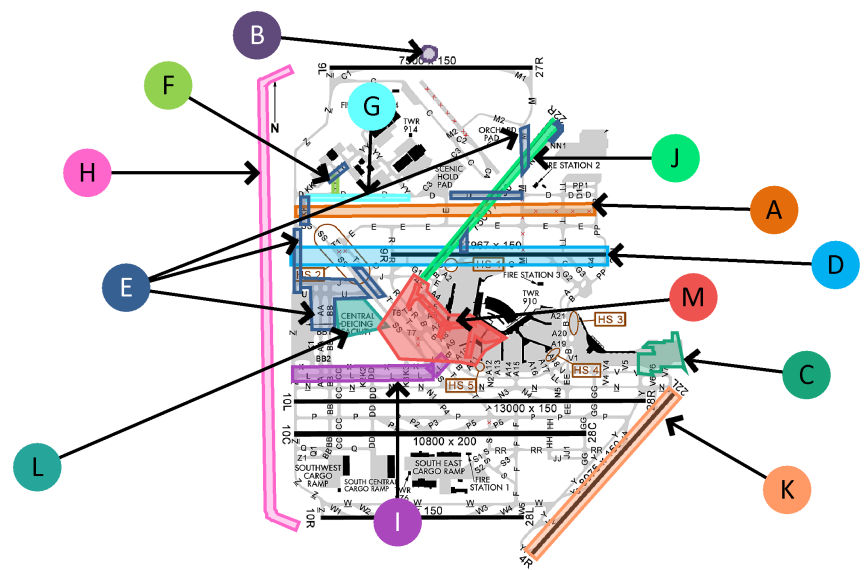
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	RWY 9C/27C																																				
B	North ASDE																																				
C	Terminal 5 M Extension																																				
D	RWY 9R/27L																																				

Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 9C/27C New center runway construction (11,245 ft. long x 200 ft. wide). RWY 9R/27L glideslope outage during IMC conditions lowers airport to a 76 AAR.	05/01/2017 to 11/05/2020 TBD	In Progress		Expected commissioning date is 11/5/2020. RWY 9R ILS currently in-service for Cat I approaches. Impact level may change due to weather. Delays during IMC conditions are expected and weather below 500-1/2. GDPs, MIT, airborne holding, and arrival delays of up to 60 minutes possible.
B	North ASDE Construction of a new North ASDE SMR (airport surface detection radar antenna) site.	06/18/2018 to 08/27/2020	In Progress		Construction completion and commissioning date tentatively scheduled for 8/27/2020.
C	Terminal 5 M Extension Demolition of existing airside and landside facilities. New airside apron and TWY improvements.	January 2019 to April 2020	In Progress		Expecting RWY and TWY closures including RWY 4R/22L, 10L/28R, and 10C/28C. Runway closures primarily during midnight operations.
D	RWY 9R/27L Runway 9R will be extended approximately 3,000 feet to the west. Runway 27L will be shortened approximately 300 feet to the west.	03/01/2019 to 12/02/2021	In Progress		Multi-phased construction during 3 seasons (2019, 2020, & 2021). After commissioning the runway will only be available for departures and RNAV approaches. CAT I is anticipated in 2022 and CAT II/III in 2023. Work during 2020 season may necessitate a temporary 9R GS outage resulting in higher minimums.



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
E	Multiple TWYs																																					
F	TWY YY1																																					
G	TWY D																																					
H	Western toll-way bypass																																					
I	Core TWY Reconstruction																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	Multiple TWYs	Multiple TWYs closed for construction. TWY NN, TWY A1, TWY M, TWY T3, TWY Z, TWY D, TWY YY, TWYs AA, BB, KK, U, J, & J1.	03/15/2019 to 01/06/2020	Complete		Alternate taxi routes will be utilized. Multi-taxiway construction expected completion Jan 5-6, 2020.
F	TWY YY1	TWY YY1 closed	01/07/2020 to 08/31/2020	In Progress		
G	TWY D	TWY D closed between TWY KK and TWY C3	01/07/2020 to 08/31/2020	In Progress		
H	Western toll-way bypass	Toll-way construction along the western airport boundary from intersection of Business Road and S.R.83 westbound to Interstate 355.	2020 TBD to 2023 TBD	Upcoming		Construction is currently on hold. During construction, cranes will impact approach minimums by increasing decision height (DH).
I	Core TWY Reconstruction	Reconstructing Taxiways K and L into Taxiways A and B in preparation for construction of Satellite Terminals 1 and 2.	2020 TBD to 2022 TBD	Upcoming		Alternate taxi routes to be utilized during multi-phase construction plan



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
J	Relocation of 22R LOC and LDA																																					
K	RWY 4R/22L																																					
L	FAA Facilities Relocation																																					
M	Terminal Area Plan (TAP)																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
J	Relocation of 22R LOC and LDA	Relocation of 22R LOC and LDA for 22R arrivals change.	May 2020 TBD to Nov 2020 TBD	Upcoming		
K	RWY 4R/22L	RWY 4R/22L closed for rehabilitation.	05/15/2020 to 09/15/2020	Upcoming		RWY will be closed primarily during midnight operations.
L	FAA Facilities Relocation	Relocation of FAA facilities: Remote Transmitter Receiver (RTR)-U, Low Level Wind Shear Alert System (LLWAS)-16, Airport Surface Detection Equipment, Model X (ASDE-X), and Fixed Target Reflector (FTR).	Q4 2020 to Q3 2022	Upcoming		
M	Terminal Area Plan (TAP)	Terminal areas redevelopment and construction.	2021 TBD to 2028 TBD	Upcoming		Multi-year phased projects. Taxiway closures may change taxi routes and increase taxi in/out times during construction. Total Airport and Airspace Modeling (TAAM) in process for Environmental Assessment.

[Return to Table of Contents](#)

Key:

Alaska-ASA

Allegiant-AAY

American-AAL

Delta-DAL

Frontier-FFT

Hawaiian-HAL

KDS

Mokulele-MHO

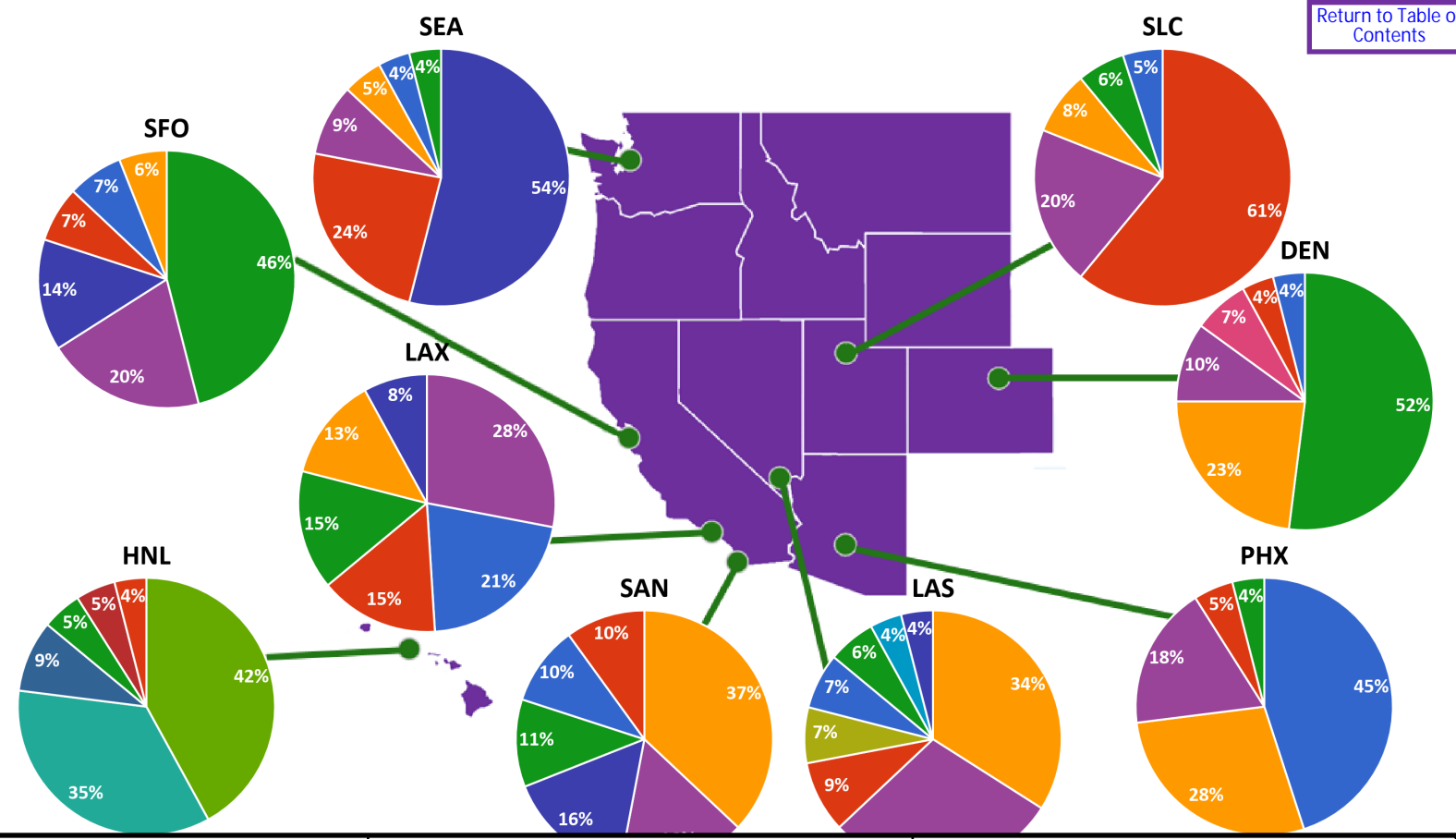
Other *less than 4%

Other*less than 4%

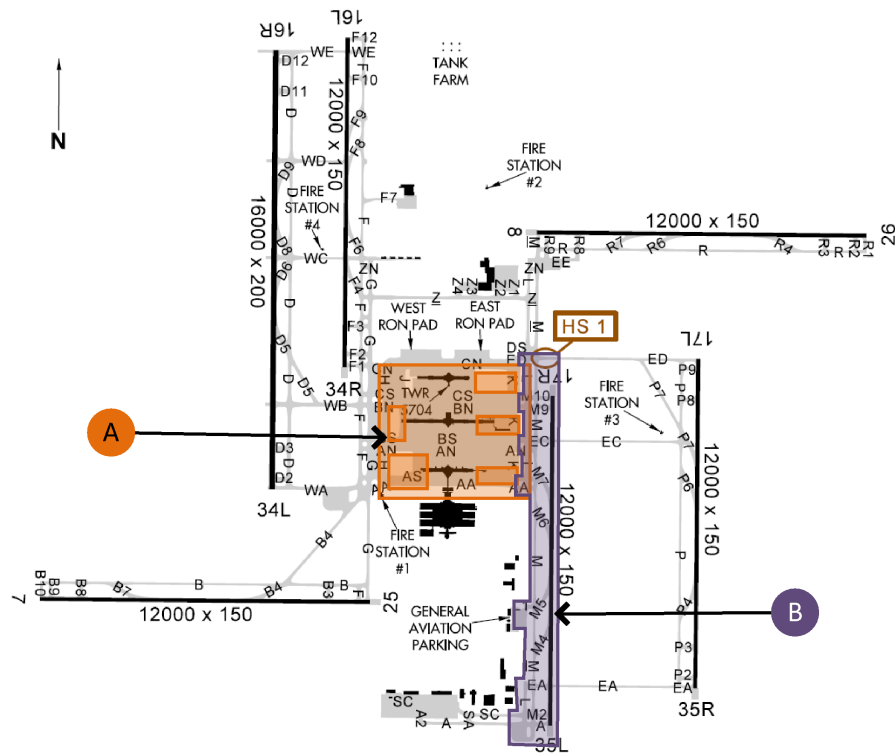
Southwest-SWA

Spirit-NKS

United-UAL



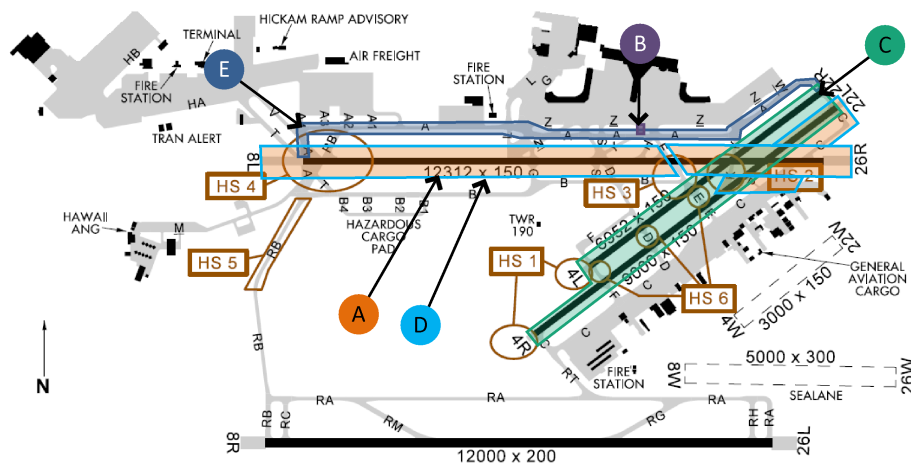
	2020												2021												2022												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
DEN																																					
HNL																																					
LAS																																					
LAX																																					
PHX																																					
SAN																																					
SEA																																					
SFO																																					
SLC																																					



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	Terminals A, B, & C																																				
B	RWY 17R/35L TWYs M & L																																				

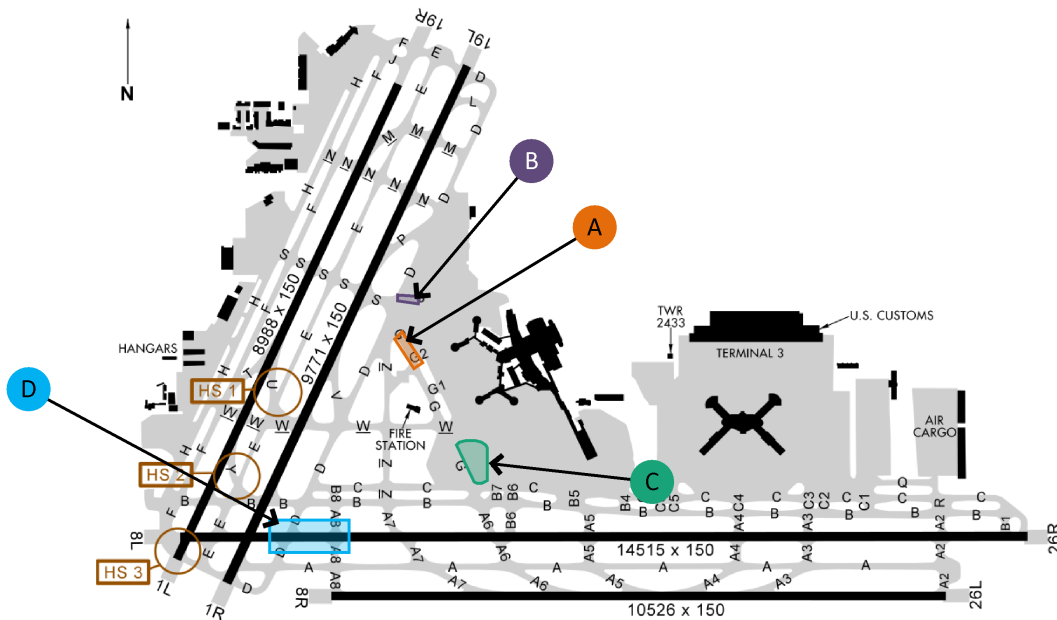
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminals A, B, & C	Ramp and Apron Construction for Terminals A, B, and C expansion and redevelopment: Concourse A - 12 new gates Concourse B - 11 new gates Concourse C - 16 new gates	05/10/2018 to 02/28/2021	In Progress		Ramp and apron construction coinciding with the concourse expansion plan. Expecting increased taxi times. New gates will increase gate capacity by 30%.
B	RWY 17R/35L TWYs M & L	TWYs M and L closed for rehabilitation and expansion. Including electrical and lighting upgrades. Project will widen TWY L safety area for ADG group V aircraft. RWY 17R/35L closed for 23 days from day-50 to day-73.	Spring 2020 to Summer 2020	Upcoming		Expecting TMI's to accommodate increased demand with reduced capacity. Longer taxi times due to ramp and taxiway congestion. RWY will be available for taxiing aircraft during closure.

[Return to Table of Contents](#)



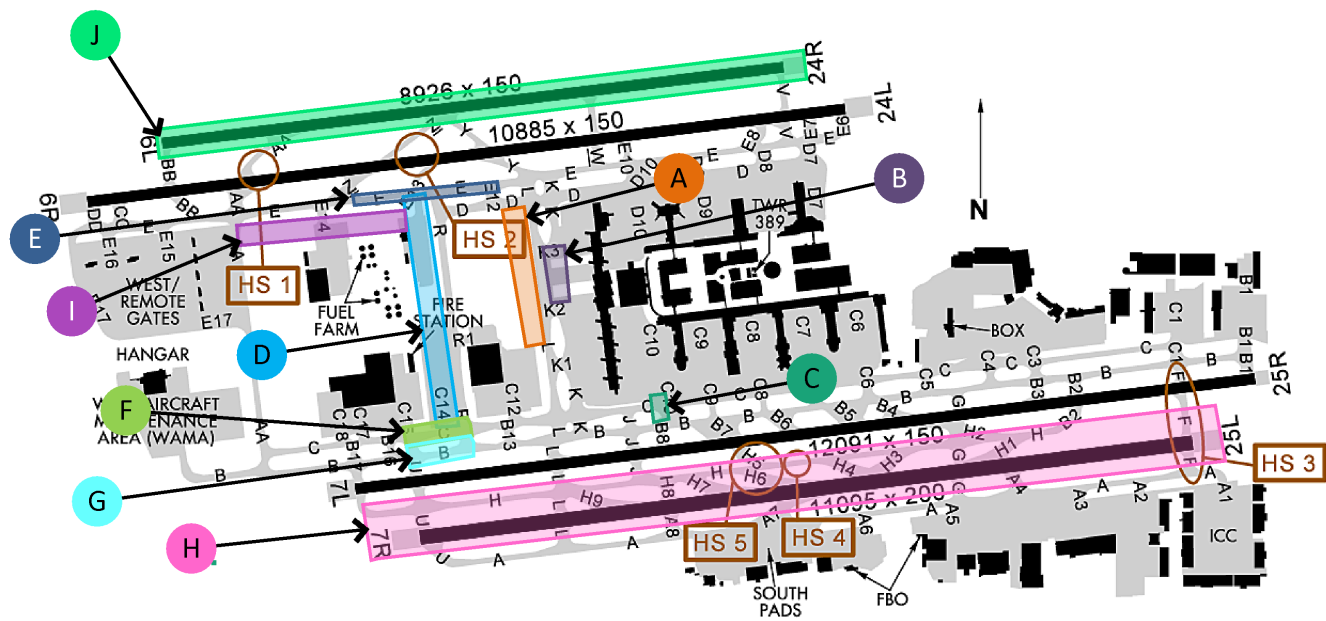
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	RWY 8L/26R - Phase 1																																				
B	TWY Y																																				
C	RWY 4L/22R & 4R/22L																																				
D	RWY 8L/26R - Phase 2																																				
E	TWY A																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 8L/26R - Phase 1	RWY 8L/26R widening project from 150 to 200 feet. 9-stage project.	03/19/2019 to 05/18/2020	In Progress		West and center stages RWY 8L requires full closures resulting in lower AARs. TMI will be in place for arrivals during peak periods (0900-1500 HST), miles in trail (MIT), and/or call for release.
		Phase 2 (stages 3-9) of 8L/26R should start January 2020 and should be completed by 2021. Design is being finalized. Stages 3-9 = full closures.	01/04/2021 to 03/03/2021 TBD	Upcoming		Expect TMI for arrivals during peak periods. Expect airborne and departure delays.
B	TWY Y	TWY Y closed between TWY A and Z	01/24/2020 to 04/01/2020	In Progress		
C	RWY 4L/22R & 4R/22L	Install Runway Guard Lights for Runway Incursion Mitigation program (RIM).	06/01/2020 to 12/11/2020	Upcoming		
D	RWY 8L/26R - Phase 2	Phase 2 (stages 3-9) of 8L/26 closure. Stages 3-9 = full closures.	01/04/2021 to 03/31/2022	Upcoming		Phase 2 should start January 2021 and completed by 2022. Design is being finalized. Expect TMI for arrivals during peak periods.
E	TWY A	TWY A realignment. Estimated start construction near Spring 2022.	04/04/2022 to 04/10/2026	Upcoming		Taxiway reconfigurations based on HNL geometry study.



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
A	TWY G																																					
B	TWY S																																					
C	Holding Pad 2																																					
D	RWY 8L/26R																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY G	TWY G closed between D and G2	12/02/2019 to 05/28/2020	In Progress		
B	TWY S	TWY S closed between TWY D and Terminal Ramp Spot 19	12/11/2019 to 04/16/2020	In Progress		
C	Holding Pad 2	Holding Pad 2 and adjacent TWYs surrounding the holding pad will be closed and/or restricted intermittently during the project.	01/24/2020 to 06/14/2020	In Progress		Higher impacts will be coordinated with ATC in advance to schedule during periods of lower demand.
D	RWY 8L/26R	RWY 8L/26R will be closed for work in a section between TWY D and A8.	02/11/2020 to 02/25/2020	Complete		The plan will use CONFIG 3 when possible. Impact on CONFIG 3 will be minimal. Impact on other CONFIGs may be significant. Expecting System Impact Report (SIR). Weather may postpone work. Back-up dates are March 17-31. Dates were decided collaboratively.



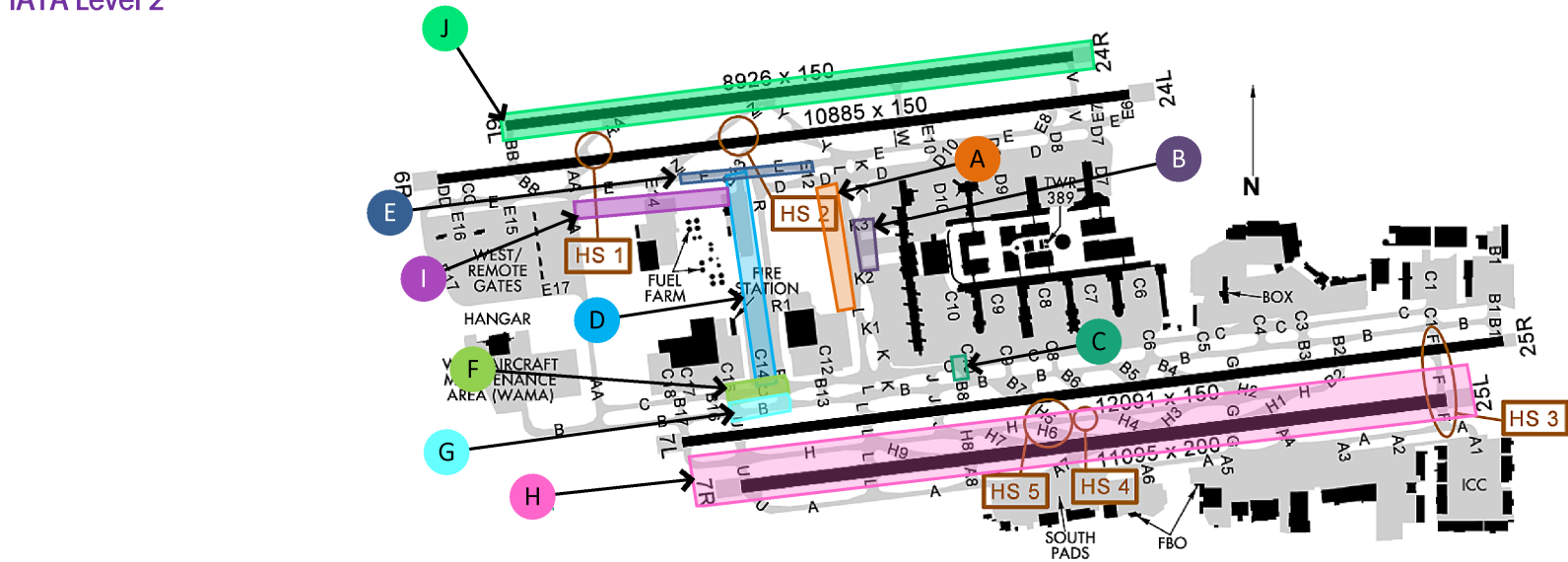
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	Midfield Satellite Concourse (MSC)																																				
B	TWY K (previously named S)																																				
Not Deplcted	Taxiway Re-Designation Project																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Midfield Satellite Concourse (MSC)	The MSC project includes construction of a new passenger concourse facility and will be located in the central area of the airfield. The MSC project consists of a multi-gate concourse, aircraft parking aprons, taxiways/lanes, and utilities.	08/01/2016 to 07/01/2020	In Progress		LAX Tower will release control of Taxilanes L and K (previously named Taxilanes S and T) to Los Angeles World Airports (LAWA) when Taxiway P construction has been completed.
B	TWY K (previously named S)	TWY K closed for construction, between TWY K2 and K3.	06/06/2018 to 03/31/2020	In Progress		TWY K was replaced by TWY L as the North standard taxi route. TWY K2 is restricted to ADG-III and smaller aircraft. Gate 132 push back on TWY L blocks North taxi route.
Not Depicted	Taxiway Re-Designation Project	Airfield wide project to re-designate LAX TWYs.	02/28/2019 to 2022 TBD	In Progress		Multi-phased project to rename airport taxiways. Renaming the South airfield first will enable the North airfield to utilize single letter TWYs.



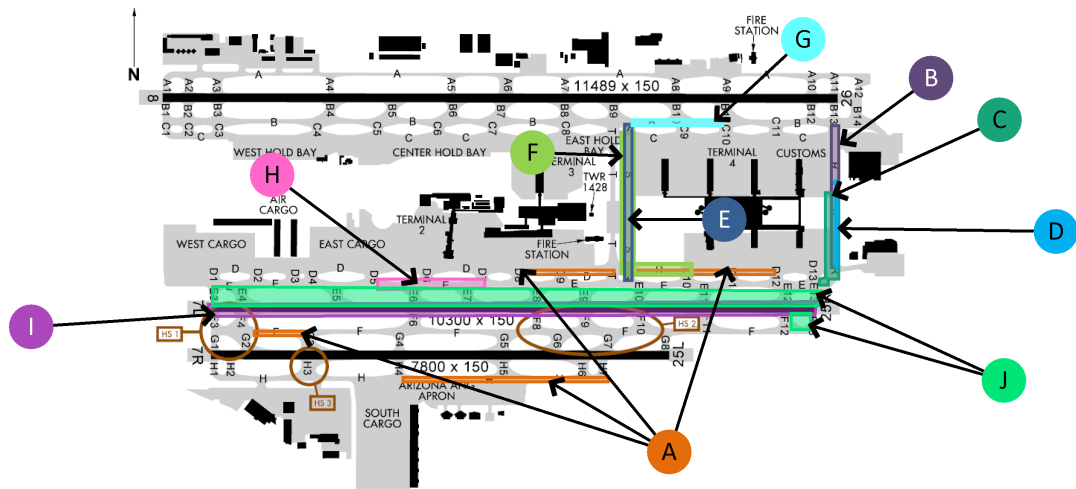
		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
C	TWY C10																																					
D	TWY P (Formerly C14)																																					
E	TWY E																																					
F	TWY C (R and U)																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY C10	TWY C10 closed between TWY B and TWY C to aircraft with wingspan more than 155FT	01/14/2020 to 04/30/2020	In Progress		Powered taxi Westbound TWY C to Southbound TWY C10.
D	TWY P (Formerly C14)	New TWY P between TWY E and TWY B and parallel to TWY R.	02/01/2020 to 01/11/2021	In Progress		New taxiway construction. Capacity will be reduced with limited impact. Extended closure of TWY R (current South taxi route).
E	TWY E	TWY E will be closed for a pavement rehabilitation project between TWY Z and TWY E12 associated with phase 2 of the TWY P project. (Nightly closures)	02/17/2020 to 04/06/2020	In Progress		Increased surface congestion. Longer taxi route expected for aircraft landing and parking on north complex. AAR restricted to 68 if RWY 24L is not available for arrivals.
F	TWY C (R and U)	TWY C will be closed between TWY U and TWY R associated with phase 4 of the TWY P project.	06/01/2020 to 09/30/2020	Upcoming		Increased surface congestion. Longer taxi route expected for aircraft landing and parking on north complex. ADG-VI movement restriction affecting Runway 7L/25R.



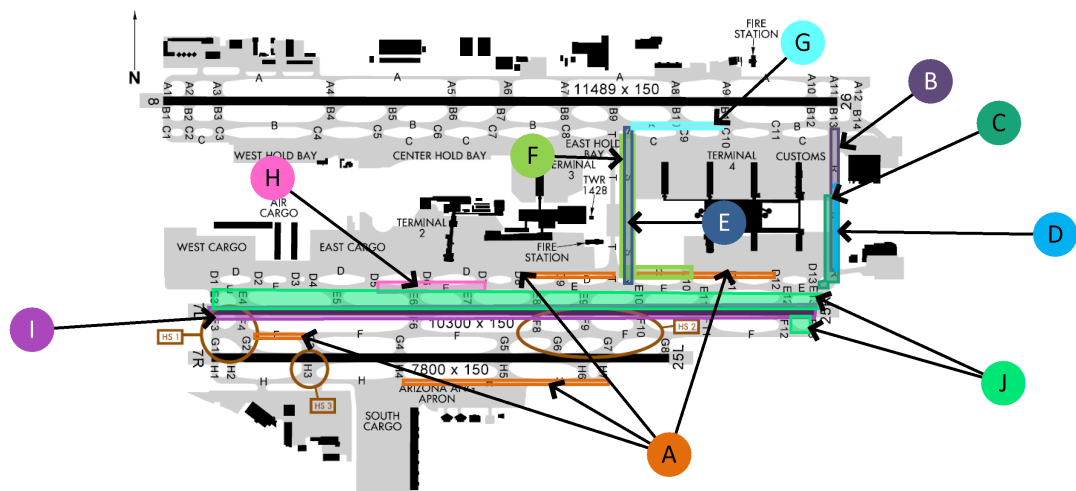
		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
G	TWY B (R and U)																																					
H	RWY 7R/25L & TWY H																																					
I	TWY D Extension & TWYs																																					
J	RWY 6R/24L Exit TWYs																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	TWY B (R and U)	TWY B will be closed between TWY U and TWY R associated with phase 3 of the TWY P project.	10/05/2020 to 02/01/2021	Upcoming		Increased surface congestion. Longer taxi route expected for aircraft landing and parking on north complex. ADG-VI movement restrictions affecting Runway 7L/25R.
H	RWY 7R/25L & TWY H	RWY 7R/25L, TWYs H6 and H7 closed for rehabilitation. Full runway closure: 60 days.	01/18/2021 to 04/01/2021	Upcoming		60-day runway closure will occur in phases. Expecting nighttime closures of RWY 7L/25R during the initial phase and end phase of the project.
I	TWY D Extension & TWYs	TWY D extension (new construction) from TWY C14 (TWY P) to TWY AA. Includes associated TWYs tie-in to TWY D.	06/08/2021 to 05/01/2022	Upcoming		Capacity will be reduced with limited impact. Longer taxi route expected for aircraft landing and parking on north complex. Additional TWY D construction west from TWY AA to TWY E17 will provide a second full TWY for RWY 6R/24L (dates TBD)..
J	RWY 6R/24L Exit TWYs	Runway 6R/24L closure to support TWY construction.	02/01/2023 TBD to 05/01/2023 TBD	Upcoming		

[Return to Table of Contents](#)

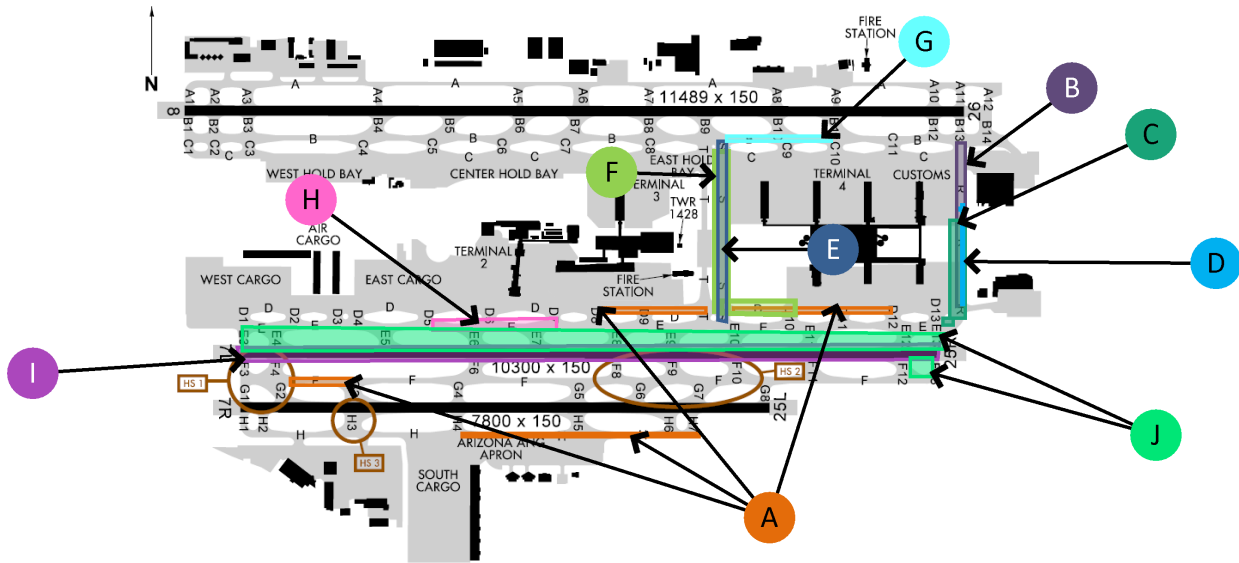
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	TWYs D, F and H																																				
B	TWY R Restrictions																																				
C	TWYs R & E																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWYs D, F and H	Multiple TWY closures with aircraft wingspan restrictions.	01/01/2019 to 01/01/2021	In Progress		TWY F closed between G2 and G3 to aircraft with wingspan more than 135FT. TWY D closed between TWY S and C10 to aircraft with wingspan more than 135FT. TWY D closed between TWY D8 and TWY T to aircraft with wingspan more than 135FT. TWY H closed between TWY H4 and H7 to aircraft with wingspan more than 170FT.
B	TWY R Restrictions	Taxiway Romeo is restricted to Group III aircraft and below to support the SWA Hangar expansion. Aug. 29,2019 - Apr. 1, 2020. Taxiway Romeo is restricted to Group IV aircraft and below to support the SWA Hangar expansion. Apr. 1, 2020 - Jan. 8, 2021.	08/29/2019 to 01/08/2021	In Progress		Additional taxi times for larger aircraft, but no delays anticipated.
C	TWYs R & E	TWY R & E extended restriction/closure for construction.	10/24/2019 to 03/31/2020	In Progress		Project is for expansion of the SWA maintenance hangar. TWY D and R intersection will be restricted to ADG III and below. TWY R south of TWY D will be closed. Expecting minimal TWY congestion.

[Return to Table of Contents](#)

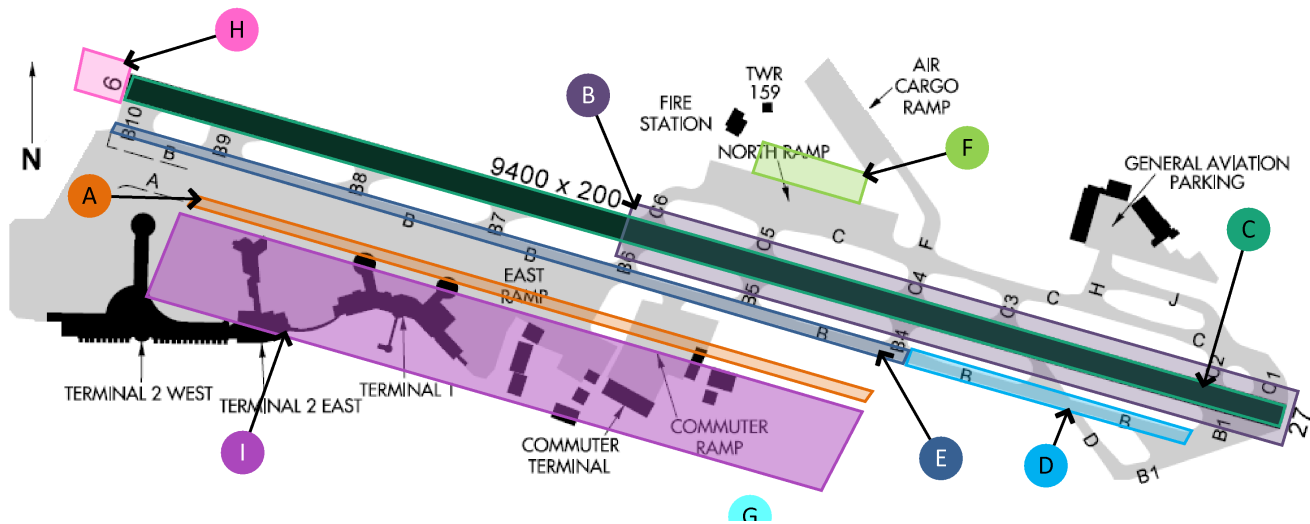
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
D	TWY R																																				
E	TWY S Closure																																				
F	TWY D Closure																																				
G	TWY C																																				
H	TWY D Closure and Aircraft restrictions																																				

Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWY R	TWY R closed between Terminal 4 North Ramp Green Spot and TWY D closed to aircraft with wingspan more than 118FT	01/01/2020 to 05/01/2020	In Progress	
E	TWY S Closure	Taxiway Sierra will close for approximately 2 months to support construction of T4, South Concourse 1.	Winter 2020 TBD to 2021 TBD	Upcoming	No reduced capacity, but taxi times will increase for most aircraft and departure delays may occasionally be attributed to the project.
F	TWY D Closure	Taxiway Delta will close from Taxiway Sierra to Delta 10 for approximately 2-4 weeks to support the construction of T4, South Concourse 1.	Winter 2020 TBD to 2021 TBD	Upcoming	No major impact.
G	TWY C	TWY C closed between TWY S and TWY C10 to aircraft with wingspan more than 171FT.	01/31/2020 to 04/06/2020	In Progress	
H	TWY D Closure and Aircraft restrictions	Taxiway Delta is closed and restricted to Aircraft Design Group (ADG) III aircraft and below between D5 and D7 to support the T2 demolition.	02/05/2020 to 07/10/2020	In Progress	Taxiway Delta ADG III and below restrictions from February 5, 2020 - March 31, 2020. Minor taxi adjustments.

[Return to Table of Contents](#)

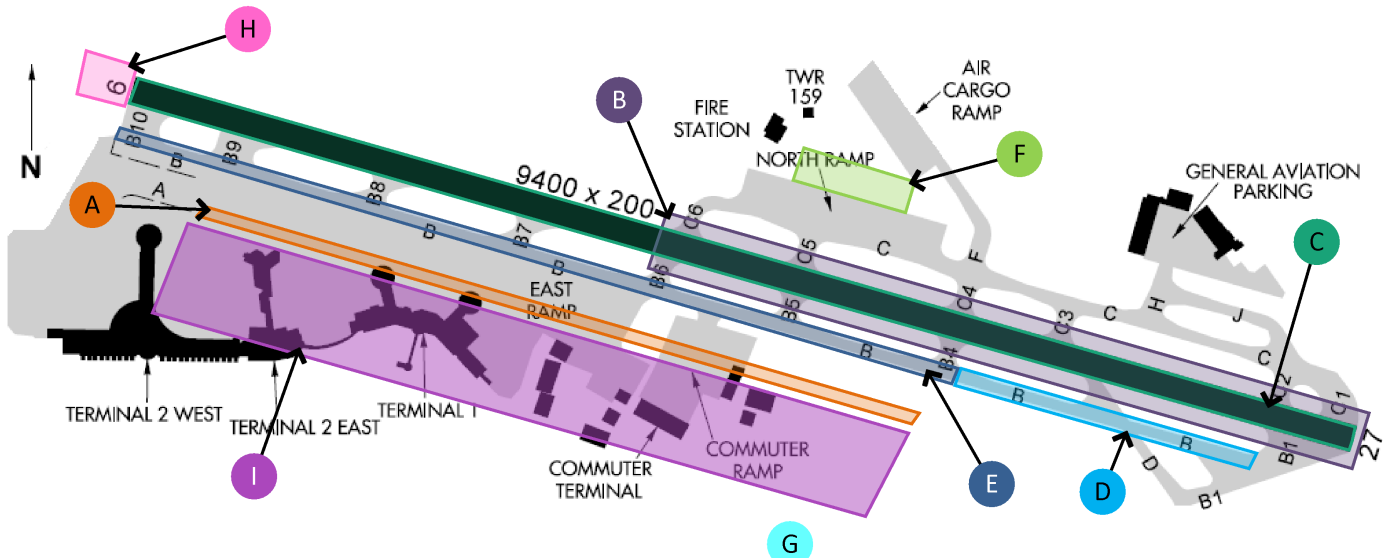
		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
I	RWY 7L/25R																																					
J	TWY E and F Infield Paving Project																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
I	RWY 7L/25R	Runway will be closed from late Friday night to early Monday morning to upgrade lighting systems to LED, upgrade signs and electrical systems and maintain pavement.	Oct 2020 TBD	Upcoming		Normal AAR for both configurations will be reduced to allow departures and arrivals to share use of RWY 8/26. VMC AAR:56; IMC ARR:40; Low IMC AAR: 36
J	TWY E and F Infield Paving Project	Paving of all infields between Taxiway F and Rwy 7L/25R and Taxiway E and Rwy 7L/25R.	Fall 2020 TBD	Upcoming		All of the paving work will be accomplished during the nighttime and low demand hours. Overnight closures and daytime restrictions anticipated.



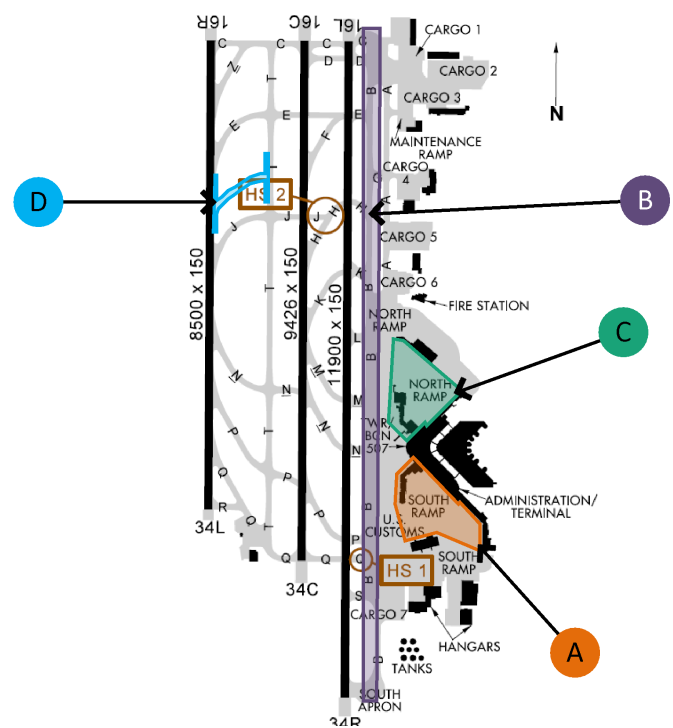
		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
A	Hydrant Fuel Lines																																					
B	RWY 9/27 TWYs C1/C2/C5 & D																																					
C	RWY 9/27																																					
D	TWY B (East)																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Hydrant Fuel Lines	Installation of new hydrant fuel lines to Terminal 2 West end and continuing to New Terminal 1.	03/11/2019 to 05/31/2023	In Progress		Two to Three gates unavailable during project as in-ground fuel lines are installed.
B	RWY 9/27 TWYs C1/C2/C5 & D	RWY 9/27 and TWYs closed for rehabilitation of TWY intersections. RWY 9/27 Closed 0000L-0500L with no recall. TWY connector rehabilitation at TWY C1 (removal of asphalt and installation of concrete), TWY C2, TWY C5, and TWY D. Additional fuel line installation at the west end. RWY 9/27 closed Mon-Sat 0000 to 0500L.	10/01/2019 to 04/30/2020	In Progress		Expect TMLs to regulate inbound flow for SAN ATCT while meeting two (2) curfews. Departure Curfew at 2330L and an Arrival Curfew at 0000L. The increase demand attempting to get into the airport prior to 0000L continues to cause significant departure delays.
C	RWY 9/27	RWY 9/27 taxiway and runway rehabilitation project.	10/01/2019 to 04/30/2020	In Progress		Runway 9/27 will be closed each evening Monday through Saturday. The airport will not accept arrival or departure operations. Weather or mechanical delays will not constitute just reasoning to delay the start of the nightly closure.
D	TWY B (East)	TWY B closed for rehabilitation of TWY B from B1 to B4.	01/15/2020 to 04/30/2020	In Progress		Removal and repaving of the complete surface of TWY B from B1 to B4. Nightly work 0000-0500L.



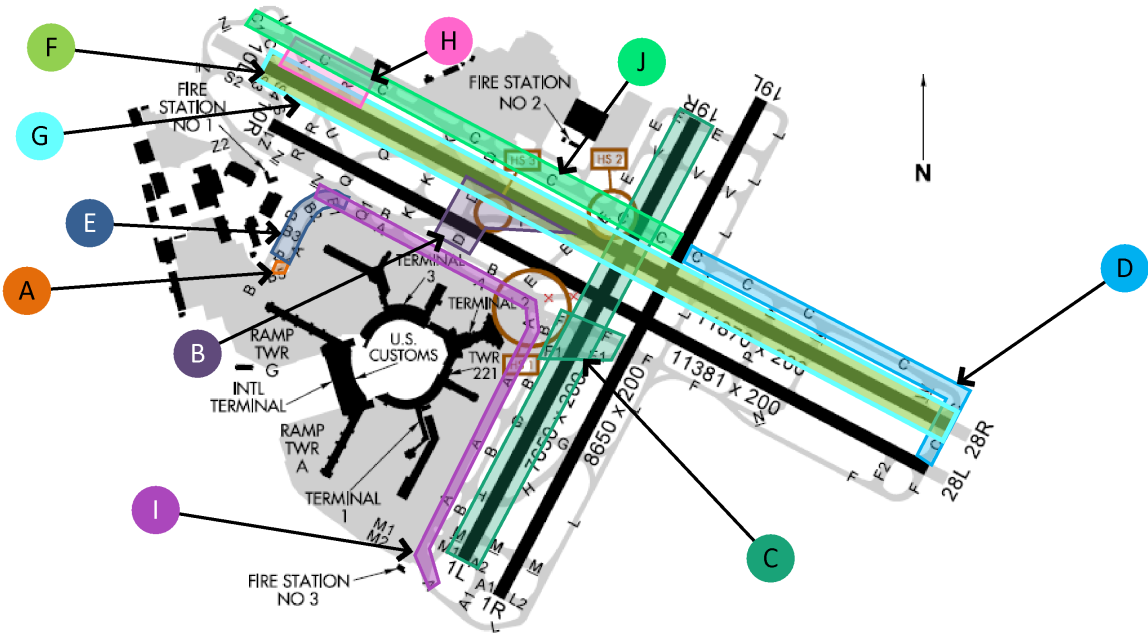
		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
E	TWY B (West)																																					
F	New Cargo Facility																																					
G	Electrical Vault Relocation																																					
H	RWY 9 EMAS																																					
I	Terminal Replacement																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	TWY B (West)	Removal and repaving 50 ft. of the center portion of taxiway B from B4 to B10.	01/15/2020 to 04/30/2020	In Progress		Removal and repave 50 ft. of the center of Twy Bravo B4-B10. Nightly work 0000-0500L.
F	New Cargo Facility	Planned cargo facility at current transient aircraft parking location.	02/01/2020 to 05/29/2020	In Progress		During RWY 9 or 9/27 configurations, ground saturation is more likely in the non-movement areas.
G	Electrical Vault Relocation	Electrical vault moved approximately 150 feet SE to allow for TWY expansion.	08/01/2020 to 05/01/2021	Upcoming		Phased to avoid reduction in services/capabilities. Also relocation of security fences keeps equipment shelters inside the Air Operations Area (AOA).
H	RWY 9 EMAS	RWY 9 Engineered Materials Arresting System (EMAS) removal and replacement.	09/01/2020 to 01/15/2021	Upcoming		This will affect the RWY 9 Medium Intensity Approach Lighting System (MALSR) 1200 ft. and 1400ft. alignment indicator bars.
I	Terminal Replacement	Airport will replace passenger terminals.	October 2020 to January 2023	Upcoming		Gates will be added before legacy gates are demolished.



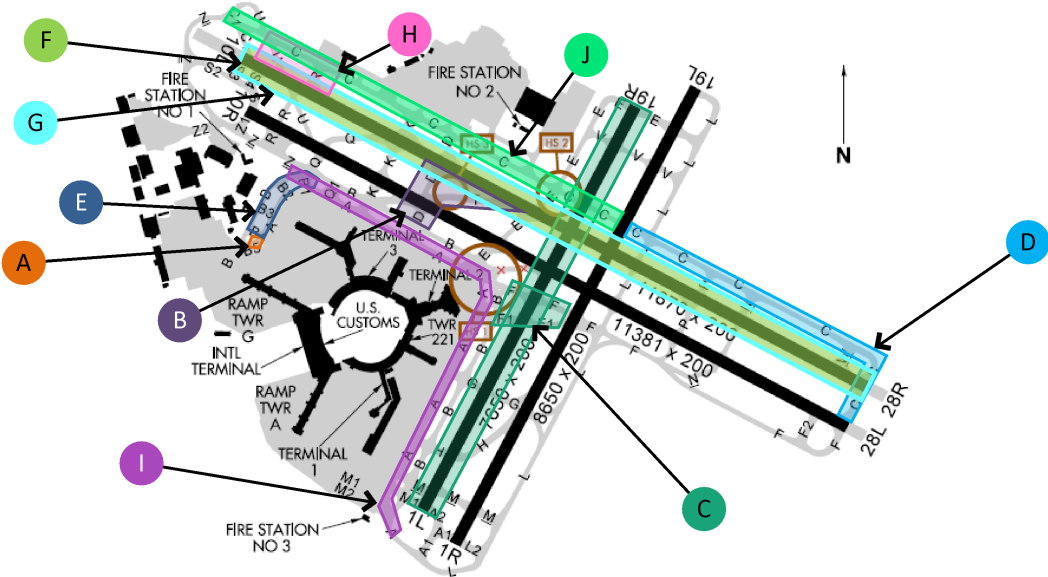
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	South Ramp Rehabilitation																																				
B	TWY B																																				
C	North Ramp Rehabilitation																																				
D	RWY 34L High-speed TWY																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	South Ramp Rehabilitation	Concourse A, B, and South-ramp rehabilitation.	2020 TBD to 2021 TBD	Upcoming		Expecting one-way in/out of the South Satellite area for large aircraft which impacts surface movement.
B	TWY B	TWY B closed for reconstruction.	2022 TBD	Upcoming		TWY B 500 ft. separation and runway incursion mitigation (RIM).
C	North Ramp Rehabilitation	Concourse C, D, and North-ramp rehabilitation.	2022 TBD	Upcoming		Possible limitations on aircraft ground movement.
D	RWY 34L High-speed TWY	RWY 34L construction of high-speed exit.	2023 TBD	Upcoming		



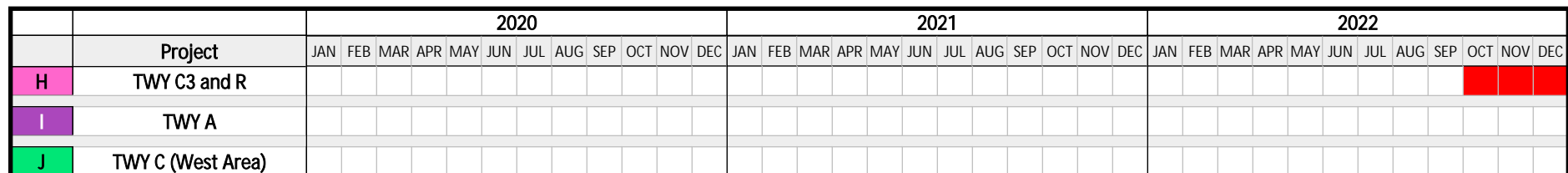
		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Not Deplcted	Airfield Lighting																																				
A	TWY B5																																				
B	TWYs D & T																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
Not Depicted	Airfield Lighting	Airfield Lighting, Bldg. 1 electrical system upgrade and 5kV cable replacement.	11/01/2019 to 12/31/2020	In Progress		
A	TWY B5	Taxiway B5 closed for reconstruction.	09/01/2020 to 10/01/2020	Upcoming		ATC involved in discussions.
B	TWYs D & T	TWYs D/T closed for realignment, runway incursion mitigation (RIM) program. Phase A - RWY 28L nighttime closure Phase B - RWY 28R weekend closure Phase C - RWY 28L weekday closure Phase D - RWY 28L nighttime closure - 3 weeks Phase E - RWY 28L nighttime closure - 3 weeks	09/01/2023 to 11/01/2023	Upcoming		Multi-phased project to realign TWYs in order to rectify deficiencies with the existing geometry. Separate 28L and 28R closures; dates and duration TBD.
		TWYs D/T closed for realignment, runway incursion mitigation (RIM) program.	2023 TBD	Upcoming		Expect increased surface congestion on TWY E.



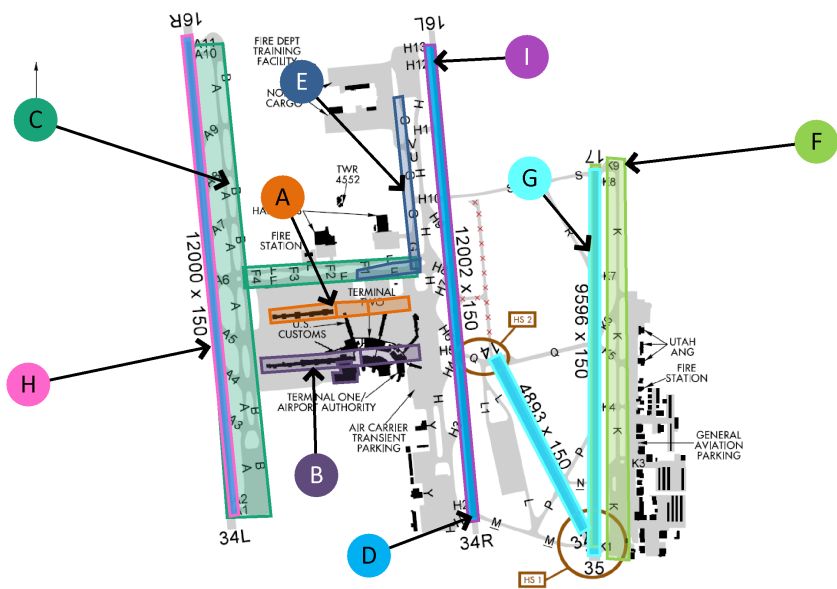
		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
C	RWY 1L/19R, TWYs F & F1																																					
D	TWY C (East Area)																																					
E	TWY B1-B4																																					
F	RWY 10L/28R Lighting																																					
G	RWY 10L/28R																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	RWY 1L/19R, TWYs F & F1	RWY 1L/19R closed for rehabilitation/realignment of non-standard TWY geometry. TWY F1 will be TWY W, TWY W will be TWY C2.	September 2021 to 11/01/2021	Upcoming		Repaving RWY and realign TWYs in order to rectify deficiencies. Impact will be closure of 1L or 1R when the new TWYs are constructed to tie-in the RWYs.
D	TWY C (East Area)	TWY C realignment/reconstruction on the East-side. Realign TWY C, 50ft from 10L/28R.	2022 TBD	Upcoming		Future project, exact dates unknown.
E	TWY B1-B4	TWYs B1 to B4 closed for reconstruction.	03/01/2022 to 09/01/2022	Upcoming		ATC involved in discussions.
F	RWY 10L/28R Lighting	RWY 10L/28R closed for new lighting cable.	04/01/2022 to 06/01/2022	Upcoming		
G	RWY 10L/28R	RWY 10L/28R closed for rehabilitation. Shortened runway and weekend closures.	Fall 2022 TBD to Winter 2023 TBD	Upcoming		Future project, exact dates unknown.



■ No capacity effect
 ■ Reduced Capacity and Delay impact
 ■ Reduced Capacity and Greater Delay Impact
 ■ To be determined

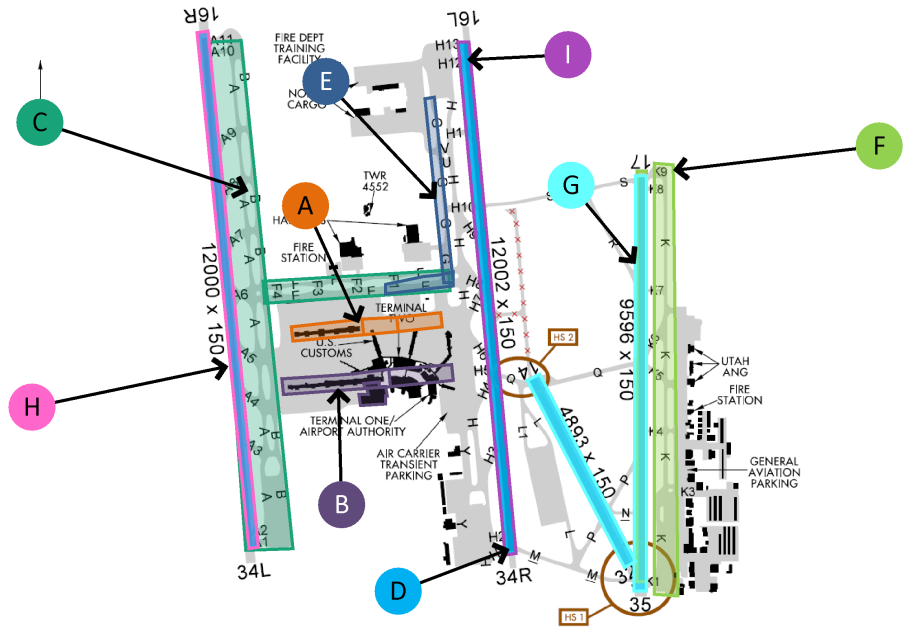
[Return to Table of Contents](#)



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	North Terminal																																				
B	South Terminal																																				
C	Multiple TWYs rewiring																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	North Terminal	North terminal concourse and apron redevelopment. First phase: 20 gates Second phase: 11 gates	June 2017 to 2024 TBD	In Progress	■	Terminal redevelopment program. New concourses will accommodate larger planes. First phase (West side) to open in fall of 2020. Second phase to open in 2023/24.
B	South Terminal	South terminal concourse and apron redevelopment. First phase: 25 gates (+6 international gates). Second phase: 22 gates. Demolition of existing 3 terminals.	June 2017 to 2024 TBD	In Progress	■	Terminal redevelopment program. New concourses will accommodate larger planes, including doubling international capable gates from 3 to 6. 78 gates will have jet bridges. 1st phase (West) opening fall 2020. 2nd phase (East) opening 2024.
C	Multiple TWYs rewiring	TWYs A, B, E, and F rewiring project.	2020 TBD	Upcoming	■	For the most part, this is scheduled for night work. Some phases on TWYs A and B will be during the day, closing only one taxiway at a time. At the end of the project, there will be several weeks of nighttime closures to complete the work on the runway.

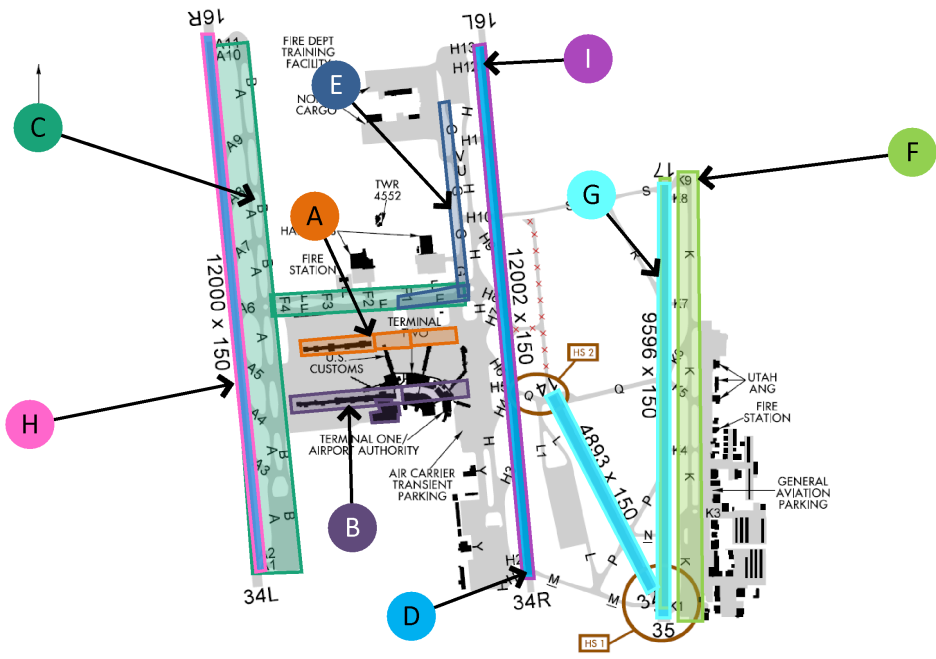
[Return to Table of Contents](#)



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
D	Runway Maintenance Project																																					
E	TWY E																																					
F	TWY K																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	Runway Maintenance Project	Semi-annual runway maintenance.	Spring 2020	Upcoming		These closures will be for multiple maintenance items including Runway Safety Area work, rubber removal, painting and lighting maintenance. Runways 17/35, 14/32 - May 16-May 19 (midnight - 7AM) Runway 16R/34L - May 29- June 1 (midnight - 7AM) Runway 16L/34R - June 6 - June 9 (midnight - 7AM)
E	TWY E	TWY E closed for rehabilitation between TWYs G and E.	May 2020 to October 2020	Upcoming		Project will be phased to minimize operational impact.
F	TWY K	TWY K closed for rehabilitation. RWY 17/35 closed nighttime for last 14 days during TWY lighting system upgrades.	May 2020 to August 2020	Upcoming		Multi-phased to minimize impact to traffic flow in and around GA apron. All work will be outside RWY 17/35 RSA, except for lighting system upgrades. 100-day closure.

[Return to Table of Contents](#)



		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
G	RWYs 17/35, 14/32																																					
H	Runway 16R/34L																																					
I	Runway 16L/34R																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	RWYs 17/35, 14/32	Runway Safety Area work, rubber removal, painting, and lighting maintenance.	05/16/2020 to 05/19/2020	Upcoming	■	Generally no delays/impact with these weekend closures.
H	Runway 16R/34L	Runway Safety Area work, rubber removal, painting, and lighting maintenance.	05/29/2020 to 06/01/2020	Upcoming	■	Generally no delays/impact with these weekend closures.
I	Runway 16L/34R	Runway Safety Area work, rubber removal, painting, and lighting maintenance.	06/06/2020 to 06/09/2020	Upcoming	■	Generally no delays/impact with these weekend closures.

[Return to Table of Contents](#)

Key:

Alaska-ASA

American-AAL

Cathay Pacific-CPA

Corvus Airlines Inc. dba

Delta-DAL

Federal Express-FDX

Grant Aviation-GUN

JetBlue-JBU

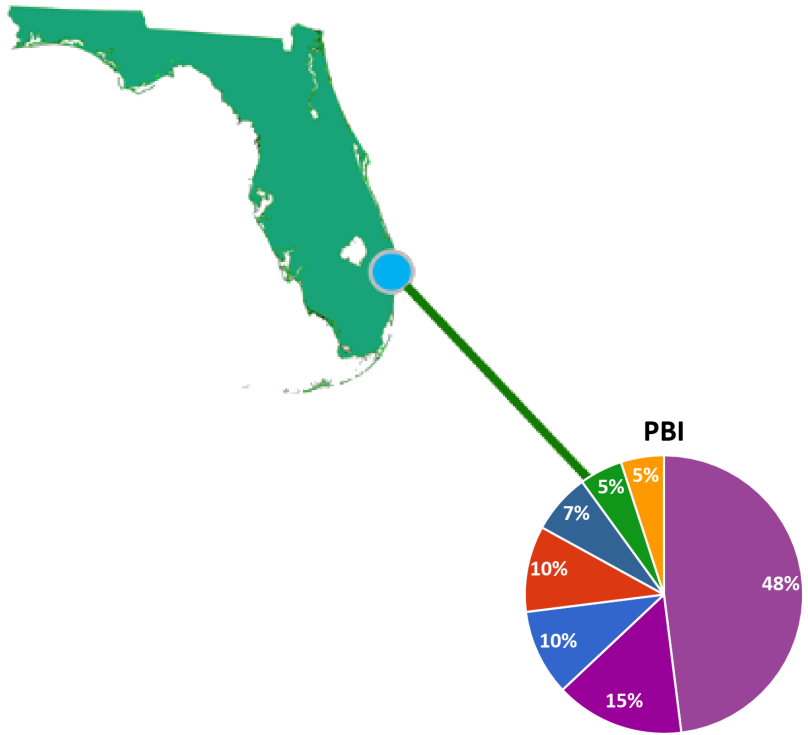
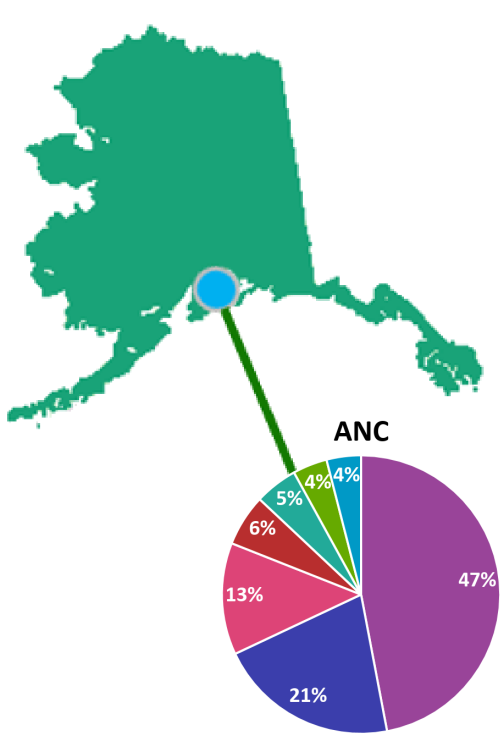
NetJets-EJA

Other *less than 4%

Southwest-SWA

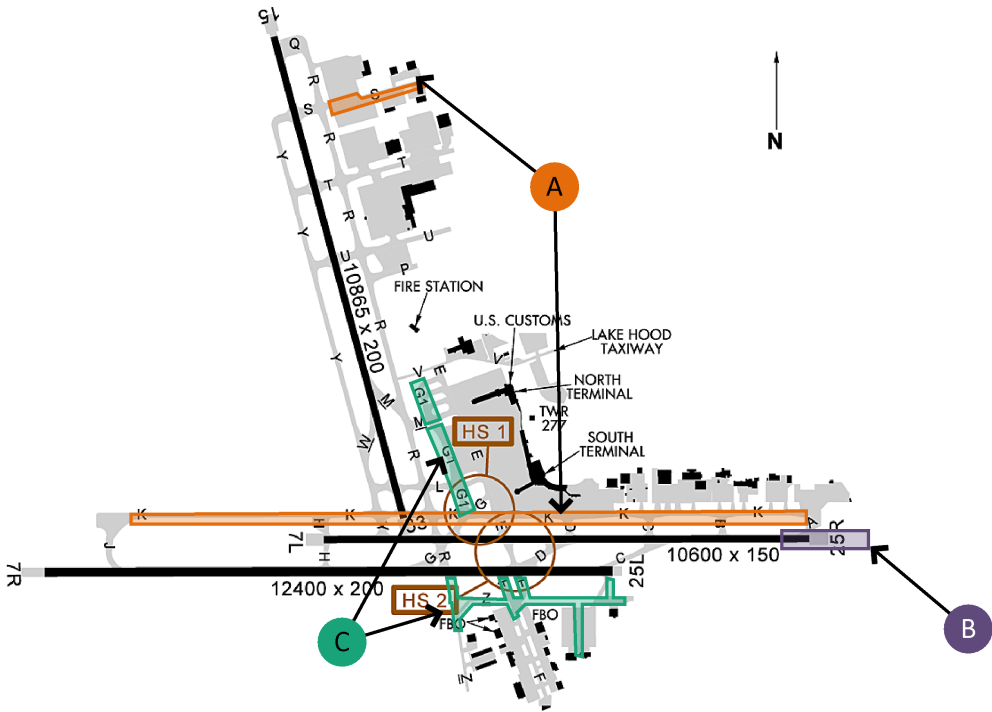
United Parcel Service-UPS

United-UAL



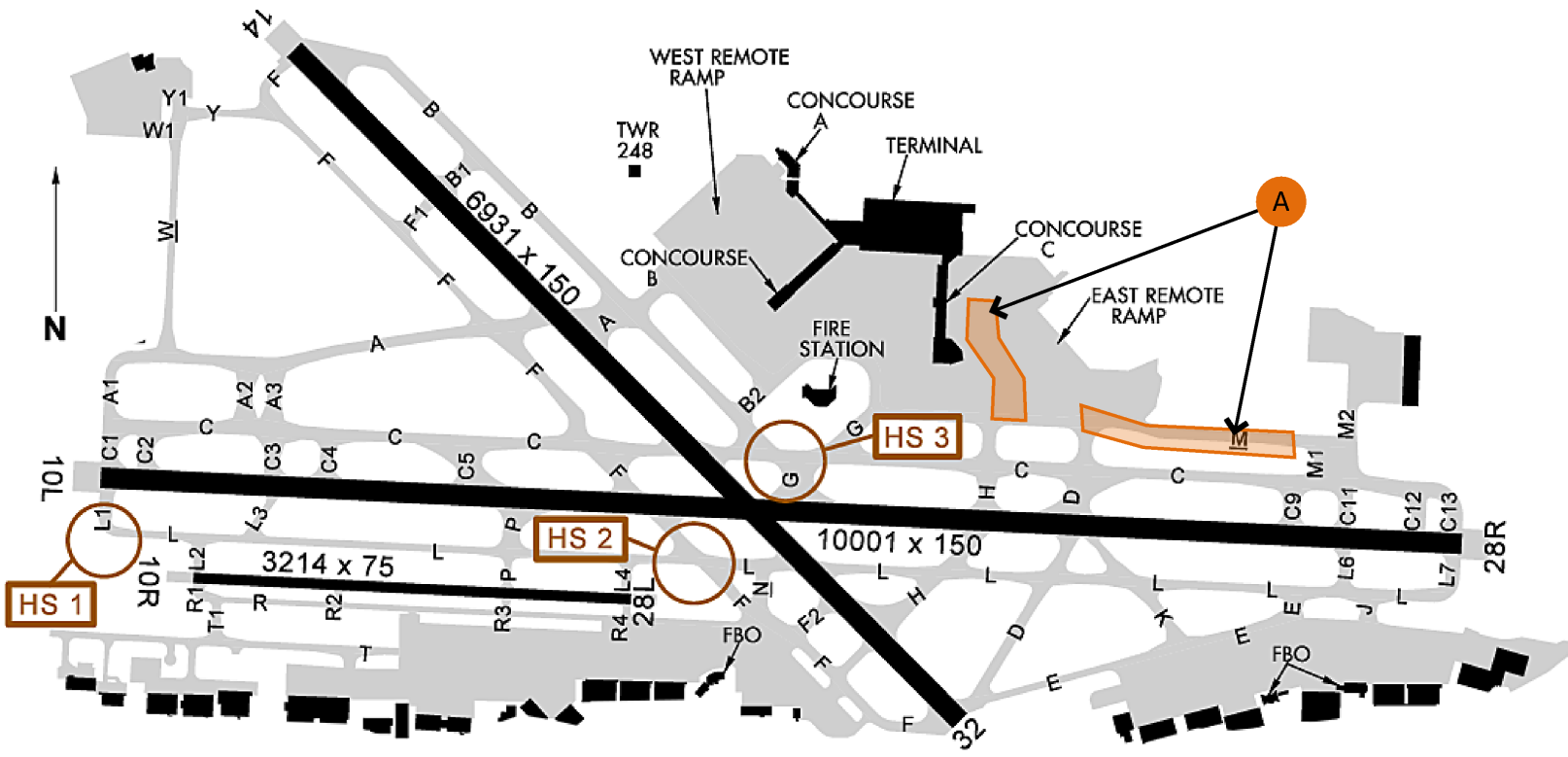
	2020												2021												2022												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
ANC																																					
PBI																																					

[Return to Table of Contents](#)




		2020												2021												2022												
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
A	TWYs S & K																																					
B	RWY 25R Safety Area																																					
C	TWYs G1 & Z																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWYs S & K	TWYs S and TWY K reconstruction. TWY K will be reconstructed/relocated North.	06/20/2020 to 09/30/2020	Upcoming		
B	RWY 25R Safety Area	RWY 25R Runway Safety Area (RSA) construction at the approach end.	06/20/2020 to 08/20/2020	Upcoming		Will require 7L/25R closures for up to 30 days during Summer 2020.
C	TWYs G1 & Z	TWY G1/Z East/West extension/reconstruction and associated TWYs/TXLS to accommodate Airplane Design Group (ADG VI) and TWY Design Group (TDG 7). TWY R extension (West side).	2021 TBD	Upcoming		Project includes road alignments parallel and South of TWY Z.



		2020												2021												2022											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	TWY and Apron Areas																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY and Apron Areas	Non-movement area and Apron rehabilitation. Repaving areas by concourse C and behind east remote parking.	08/22/2019 to 06/24/2020	In Progress		The category IV air carrier aircraft part on western gates on concourse C.