

Q1-2023 Airport Construction Impact Report



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

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

December 30, 2022
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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**

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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

Color

Construction Impact Key

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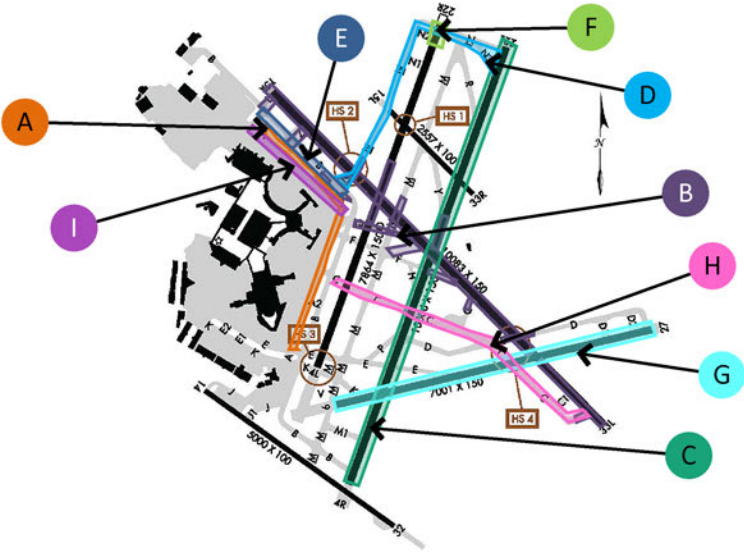
No Capacity Effect – Departures taxi delays and/or Arrivals airborne holding delays are 15 minutes or less

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Reduced Capacity and Potential Delay Impact – Departures taxi delays and/or Arrivals airborne holding delays of 16 to 45 minutes

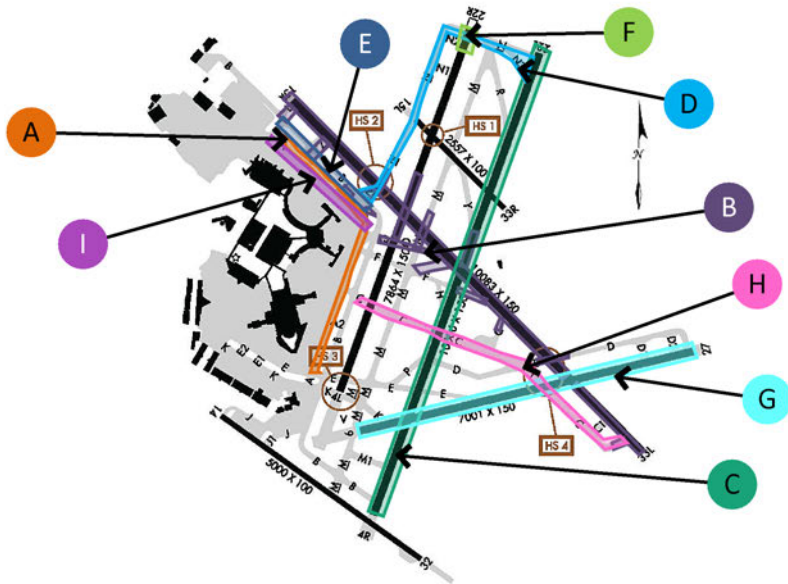
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Reduced Capacity and Greater Delay Impact – Departures taxi delays and/or Arrivals airborne holding delays greater than 45 minutes



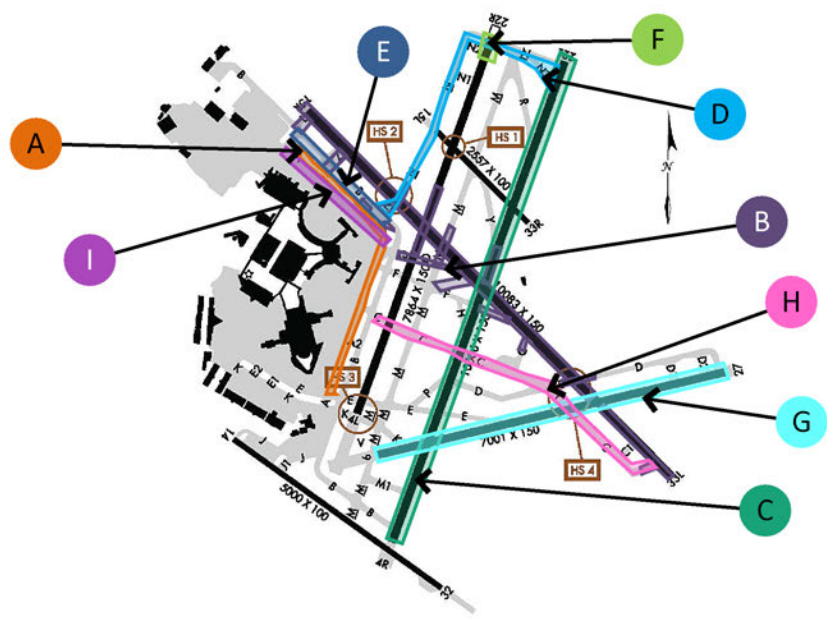
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A	Upgrade TWY A Centerline Lighting				G	G	G	G	G	G	G	G	G	G	G	G																					
B	RWY 15R/33L Rehab											Y	Y	Y																							
C	RWY 4R/22L Lighting Replacement													G	G	G																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Upgrade TWY A Centerline Lighting	Replace existing centerline lights and install new lights to meet SMGCS requirements. Will require multiple closures along the length of the taxiway.	2023 TBD	Upcoming	G	Portions of the taxiway will be closed during 'opportunistic' times such as overnight or when there will not be an impact to traffic or airline gates.
B	RWY 15R/33L Rehab	Closure or multiple closures of RWY 15R/33L and various adjoining taxiways.	August 2023 to October 2023	Upcoming	Y	Work will also include the intersections (at separate times) of RWY 4L/22R & 4R/22L. Exact dates to be determined based on consultation with the airlines, FAA, as well as Sumner Tunnel closure traffic impacts.
C	RWY 4R/22L Lighting Replacement	Replace edge, centerline and touchdown zone circuits, upgrade to LED fixtures and install new edge lighting infrastructure (light bases and conduit). Will require multiple closures of RWY 4R/22L and adjoining taxiways.	Fall 2023	Upcoming	G	The runway will only be closed during coordinated times, when the closure will have a minimal impact on the airport operations such as overnight or NW wind configurations.



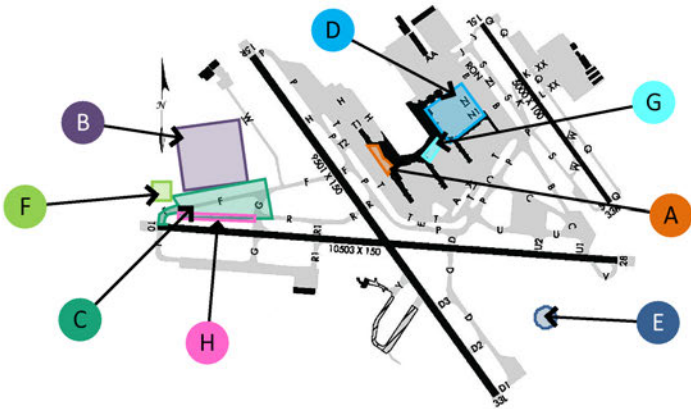
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D	TWY N Rehabilitation																									Y	Y	Y									
E	TWY B North Rehabilitation																									G	G	G									
F	RWY 22R Pavement Replacement																									Y	Y	Y									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWY N Rehabilitation	Rehabilitate TWY N from RWY 15R/33L to RWY 22L.	Fall 2024 TBD	Upcoming	Y	Will require closure of RWY 4L/22R when work is occurring within the RSA. Work to occur outside of typical summer runway configuration (22L/22R) when taxiway is heavily used. It will also require the closure of RWY 15L/33R.
E	TWY B North Rehabilitation	Closures of portions of TWY B from TWY L through TWY N.	Fall 2024 TBD	Upcoming	G	Portions of the taxiway will be closed for rehab, taking into account taxi impacts and airline access.
F	RWY 22R Pavement Replacement	Closure of RWY 22R to convert a portion of the asphalt to Portland Cement Concrete Pavement.	Fall 2024 TBD	Upcoming	Y	Work to occur outside of typical summer runway configuration (22L/22R) when runway is heavily used. Will also require closure of TWY N. Will try to combine project with TWY N work.



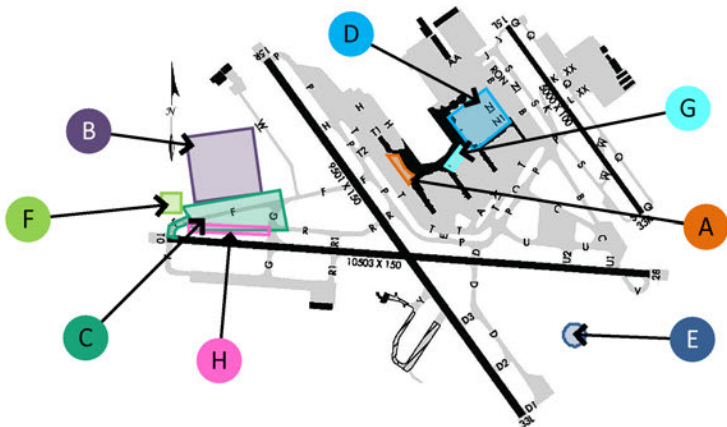
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G	RWY 27 RSA																																			T	T	T
H	Airfield Electrical Upgrades																																					
I	TWY A North Rehabilitation																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	RWY 27 RSA	Construction of RWY 27 safety area on a pile supported deck.	Summer 2025 TBD to 2026 TBD	Upcoming	T	Project will require closure of RWY 9/27. It may require 60-day construction periods in 2025 and possibly 2026.
H	Airfield Electrical Upgrades	Closures of portions of TWY C and other taxiways for centerline and edge lighting infrastructure and cable replacement.	Fall 2025 TBD	Upcoming	G	Portions of the taxiways will be closed during 'opportunistic' times such as overnight or when there will not be an impact to traffic based on airfield configuration.
I	TWY A North Rehabilitation	Rehabilitate TWY A North.	Fall 2025	Upcoming	G	Portions of the taxiway will be closed based on input from the airlines. Only one gate area will be impacted at a time.



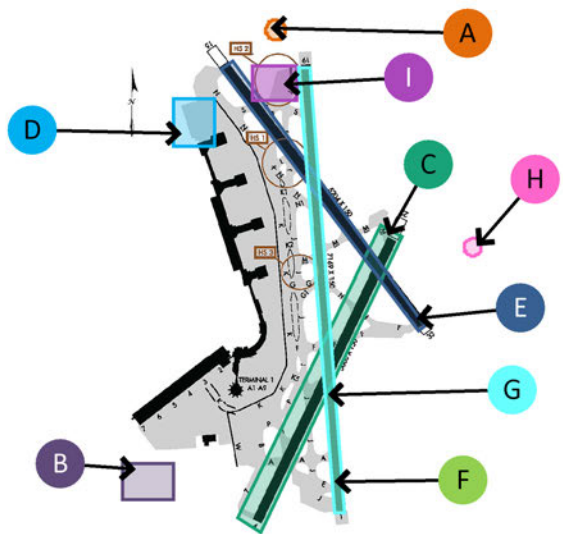
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A	Concourses A/B BHS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
B	Airline Hangar	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G														
C	TWY F - Phases 1 & 2	G	G	G								T	T	T	T	T	T	T	T	T	T	T	T	T	T												
D	Taxilanes N & N1							G	G	G	G	G	G	G	G	G																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Concourses A/B BHS	Terminal Improvements for the Concourse A/B Interconnect. Baggage Handling System (BHS)	December 2021 to March 2026	In Progress	G	Upgrading the existing BHS at the A/B Connector serving Southwest's international baggage. Location of new BHS will allow the existing system to remain in service.
B	Airline Hangar	Construct Airline Maintenance Hangar.	02/01/2022 to Spring 2024 TBD	In Progress	G	Southwest Airlines (SWA) plans to construct and operate an aircraft maintenance facility.
C	TWY F - Phases 1 & 2	Construct an extension to TWY F that will lead into the new Airline Maintenance Hangar.	Spring 2022 TBD to 2022 TBD	Complete	G	This construction will not effect RWY 10/28 or TWY F. Requires the relocation of the RWY 10 ALSF 2 shelter and west airfield communication cables. NTP was issued on 2/7/22.
		Relocate TWY Foxtrot to allow for future construction of a dual taxiway system extending to the west from RWY 15R/33L. This includes extending TWY F to the approach end of RWY 10.	Summer 2023 TBD to Summer 2024 TBD	Upcoming	T	Requires the relocation of the RWY 10 ALSF 2 shelter and west airfield communication cables owned and maintained by FAA. This timeframe may also include the extension of TWY R.
D	Taxilanes N & N1	The project consists of complete reconstruction of the existing pavement with Portland Cement Concrete (PCC), utilities, associated pavement markings, signage and lighting improvements.	Spring 2023 TBD to 2023 TBD	Upcoming	G	Taxilanes N & N1 provide access from aircraft gates located on the Concourse D and E alley to the airfield. The existing asphalt pavement is in need of repairs.



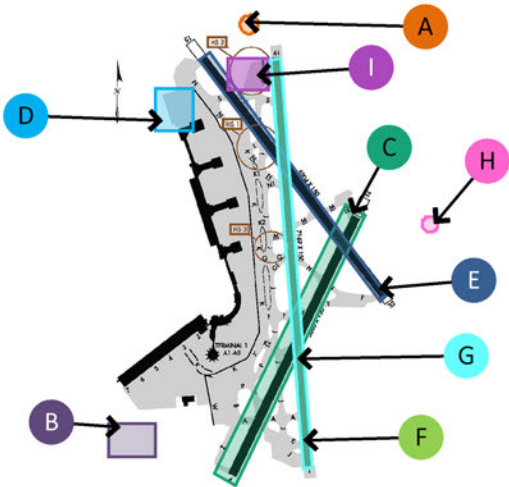
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E	RTR relocation	G	G	G																																		
F	RWY 10 ALSF-2																T	T	T	T	T	T	T	T	T	T	T	T										
G	Terminal C/D Connector																																					
H	TWY R Extension																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	RTR relocation	Relocate the Remote Transmitter Receiver (RTR) near the VOR and install a Primary Wind Cone.	Spring 2022 to 12/30/2022	Complete	G	
F	RWY 10 ALSF-2	Relocate the RWY 10 ALSF-2 Substation and backup power equipment.	2024 TBD	Upcoming	T	Hangar construction and modifications to TWYs F & R are affecting the FAA ALSF-2 facility. Due to lead time for engine generator (12 months) and transformer (13 months) earliest start date is October 2023. Dates are tentative.
G	Terminal C/D Connector	Construct Terminal C/D Secure Connector, Future FAA ATCT, FAA and Maryland Aviation Administration (MAA) Administration Area.	2026 TBD	Upcoming	T	The Concourse C/D secure interconnect project is the final terminal interconnect needed to allow passengers to walk between all concourses without leaving TSA secured space.
H	TWY R Extension	Extend TWY R to create a dual taxiway system extending to the west from RWY 15R/33L.	2026 TBD	Upcoming	T	The project area will include an extension of parallel TWY R from TWY G to the RWY 10 threshold. Project is delayed until further notice.



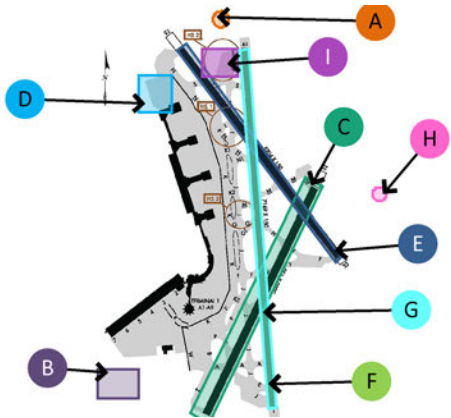
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A	RWY 19 Crane Ops (Amazon & Crystal City)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																								
B	Lighting Vault Relocation	G	G	G	G	G	G	G	G	G																											
C	RWY 4/22	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G										

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 19 Crane Ops (Amazon & Crystal City)	Temporary cranes 486 feet MSL west of RWY 19 at DCA. There are 7 temporary cranes within close proximity to DCA (West of DCA) that have been raised for building/construction projects around the area. These cranes will be in place through 9/2023 and will be raised in phases up to 486 feet MSL.	10/27/2021 to 09/30/2023	In Progress	Y	Possible airborne holding delays of +15 minutes depending on the weather/IFR conditions with ceilings below 300 feet. ILS RWY 1 SA CAT I requires a missed approach climb gradient of 678 FT/NM to 700 and ILS RWY 1 CAT II requires a missed approach climb gradient of 777 FT/NM to 700. SIRs will be submitted with the various phases/crane height changes.
B	Lighting Vault Relocation	TV-900 Lighting Vault Relocation. Airport lighting vault will be relocated. FAA NAVAIDS and communication equipment will be relocated.	11/01/2021 to Spring 2023 TBD	In Progress	G	No operational impact. But Pet 2000 charged and ready for backup.
C	RWY 4/22	RWY 4 closed except for taxiing and takeoff. RWY 22 closed except for taxiing.	02/04/2022 to 11/01/2024	In Progress	G	



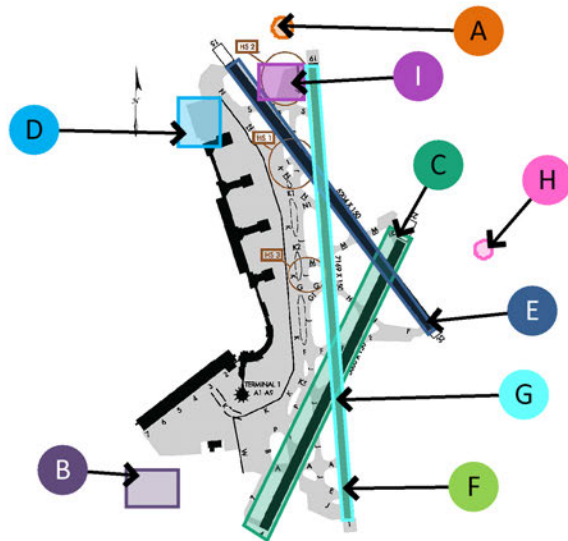
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D	RWY 15 Hold Bay	G	G	G	G	G	G																														
E	RWY 15/33 - Phases 1 & 2							G																G	G												

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	RWY 15 Hold Bay	RWY 15 Hold Bay will be expanded.	Fall 2022 TBD to Winter 2023 TBD	In Progress	G	Mostly overnight work.
E	RWY 15/33 - Phases 1 & 2	Phase 1 - Reconstruction of Runway 15/33.	04/16/2023 to 04/30/2023	Upcoming	G	Weekend and nightly closures. RWY 4/22 will be impacted because RWY 4 will be available for departures only during the closures. Nightly 8-hour runway closures (2200-0600) will occur. Either RWY 1/19 or RWY 15/33 will remain open with the exception of when work occurs in the runway intersection. To complete the intersection of RWY 1/19 and RWY 15/33, MWAA will close both runways for one night. The intersection closure will occur during Phase 1 2023.
		Phase 2 - Continuation of reconstruction of RWY 15/33 project.	08/16/2024 to 09/15/2024	Upcoming	G	Nightly 10-hour closures (2200-0800) will occur. Either RWY 1/19 or RWY 15/33 will remain open with the exception of when work occurs in the runway intersection.



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F	RWY 1/19								Y	Y	Y	Y	Y	Y	Y				Y	Y	Y	Y	Y	Y													
G	RWY 1/19 Continued								Y	Y	Y	Y	Y	Y	Y																						

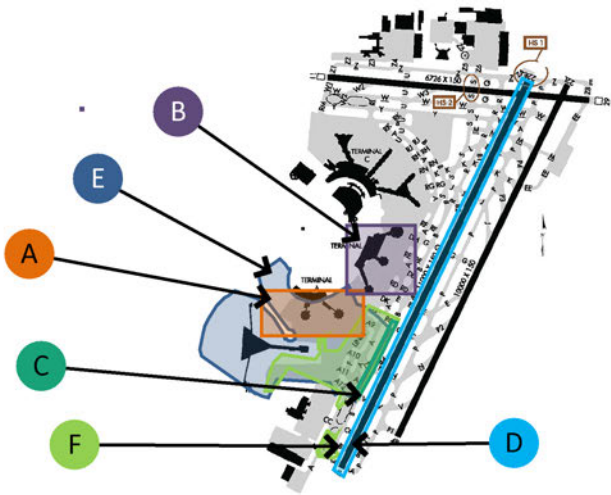
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	RWY 1/19	Reconstruction of RWY 1/19. The Metropolitan Washington Aviation Authority (MWAA) initiated a project to rehabilitate RWY 1/19 and RWY 15/33 in the 2023 and 2024 construction seasons. The construction will entail removing and replacing the existing asphalt pavement partial depth (6"- 9"). The construction will impact the RWY 1/19 centerline lights and RWY 1 Touchdown Zone (TDZ) lights where these facilities will be out of service for an extended period of time.	May 2023 to November 2023	Upcoming	Y	The project is scheduled to take two construction seasons (March - November) beginning in 2023 and finishing in 2024 with two winter shutdowns (December-February). All work will occur at night (2300-0600) with temporary runway closures. Both runways will be open each day. Runway closures will be mutually exclusive except for the runways intersection work.
		Continuation of reconstruction of RWY 1/19 project.	April 2024 to August 2024	Upcoming	Y	
G	RWY 1/19 Continued	Reconstruction of RWY 1/19.	May 2023 to November 2023	Upcoming	Y	RWY 4/22 will be restricted to RWY 4 Departures for the duration of the project to accommodate a temporary asphalt batch plant in the approach to RWY 4, which also compromises the RWY 22 Safety Area (RSA). RWY 1/19 procedures will be impacted with the loss of the runway centerline and TDZ lights. The visibility minimums for ILS or LOC RWY 1 will be raised from 1800 RVR to 2400 RVR. No impacts to ILS RWY 1 (SA CAT I 1400 RVR) or ILS RWY 1 (CAT II 1200 RVR) approach procedures. RWY 1 and RWY 19 takeoff minimums will be raised from 500 RVR to 1000 RVR with the loss of runway centerline lights.



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H	I-VWH Localizer Upgrade								Y	Y																																
I	RWY 19 Hold Bay (RIM)																																				G	G	G	G	G	G

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	I-VWH Localizer Upgrade	FAA project to upgrade the I-VWH localizer (LOC) supporting RWY 19 at DCA. The I-VWH LOC is off airport property across the Potomac River approximately abeam the RWY 22 threshold.	May 2023 TBD to Jun 2023 TBD	Upcoming	Y	The upgrade will take the I-VWH LOC out-of-service for 30 days in May 2023. The I-VWH LOC supports the LDA Z RWY 19 instrument approach procedure. Therefore, this procedure will not be available for 30 days in May 2023.
I	RWY 19 Hold Bay (RIM)	Reconfiguration and expansion of Hold Bay 19.	Spring 2025 to Spring 2028	Upcoming	G	Mostly overnight work.

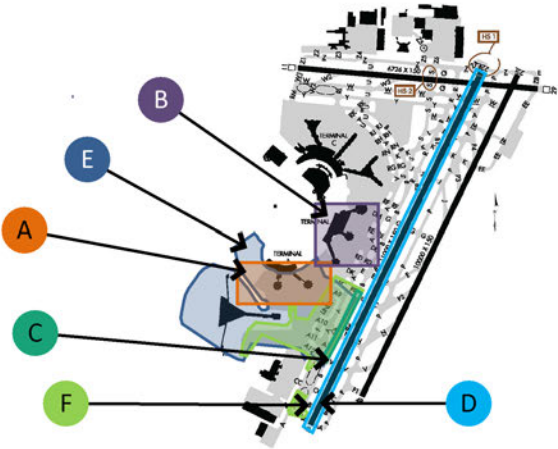
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A	Terminal A Redevelopment and Demolition Project	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y									
B	Terminal B Ramp Rehab																												T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminal A Redevelopment and Demolition Project	Utilities and paving of the ramp area and portions of the ATC-movement area in the area North of the New Terminal A (currently under construction). Project also includes the demolition of the three (3) existing Terminal A Satellite Concourses (A1, A2 and A3) starting with the western-most Concourse (A1).	10/01/2021 to 2024 TBD	In Progress	Y	New Terminal A is expected to open for operations in the first two weeks of January. However ramp and demolition of old terminal will continue throughout the Spring of 2023 Some phases may add to taxi times more than others especially during IROP/SWAP conditions due to reduced staging areas. Project planned to take approximately 3 years to complete. Terminal A partial demolition in progress and to continue after partial opening of New terminal A.
		Continuation of the Terminal A Redevelopment project.	2023 to 2024	Upcoming	T	Some phases may add to taxi times more than others especially during IROP/SWAP conditions due to reduced staging areas.
B	Terminal B Ramp Rehab	Terminal B Ramp Rehab.	2025 TBD	Upcoming	T	

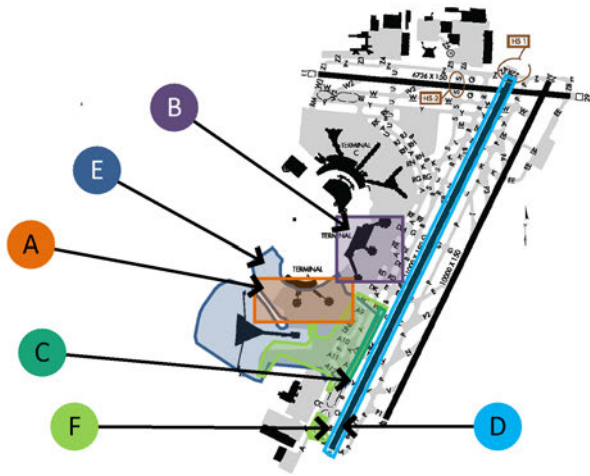
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D	RWY 4L/22R	G																																				

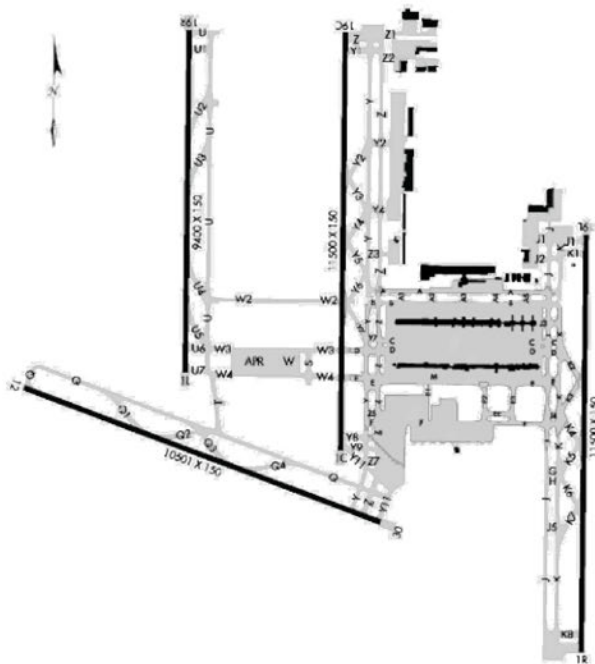
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C	TWY B	TWY B closed between TWY C and TWY V.	09/20/2022 to 11/20/2022	Complete	Y	Limited impact on EWR's southwest flow, but substantial impact on the northeast flow. On northeast flow, this closure impacts the Tower's ability to handle departure volume heading towards the south end of the field as 80% of departures will have to bottleneck to one taxiway at C and A. This will also cause limited flexibility to meet departure TMIs. This coincides with the new Terminal A scheduled to open 11-1-2022. A GDP may be warranted to help alleviate ground congestion. On Northeast flow landing RY4R and departing RY4L, RY11 available and encouraged for most departures from Terminal C.
D	RWY 4L/22R	Milling/Paving and Grooving of RWY 4L/22R.	10/25/2022 to 10/28/2022	Complete	G	Milling/Paving/Grooving of RWY 4L/22R Proper (north section). RWY 4L/22R will be closed. RWYs 11/29 and 4R/22L will be open. 10/25/22 to 10/28/22 – Weeknight closures - RWY 4L/22R is closed. RWYs 11/29 and 4R/22L are open.

IATA Level 2



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E	New Terminal A	Y	Y	Y	Y																																
F	New Terminal A Ramp	Y																																			

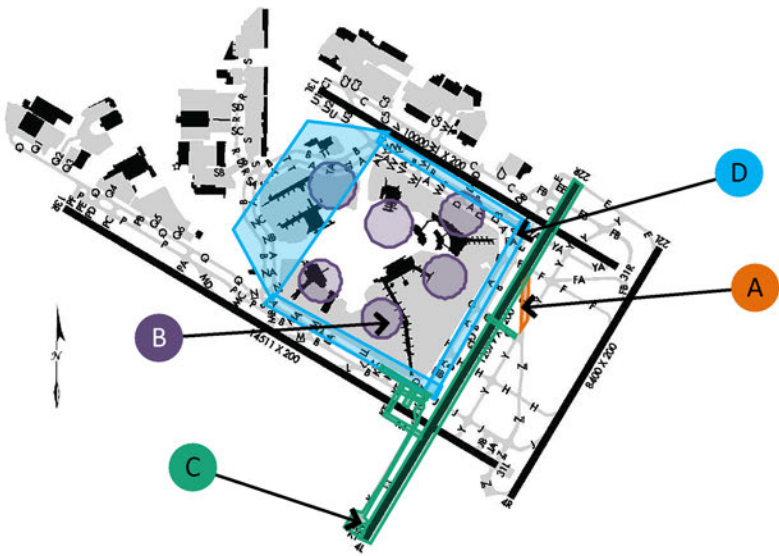
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	New Terminal A	New Terminal A redevelopment program. Demolition of existing Terminal A complex and construction of new Terminal A complex. Includes infrastructure required to support a 33-gate terminal complex.	01/01/2018 to Jan 2023 TBD	In Progress	Y	New Terminal A is expected to open for operations in the first two weeks of January. Ramp and demolition of old terminal will continue throughout the Spring of 2023. Multi-phased project. Expect taxiing delays in/out due to ramp congestion. Partial Terminal Opening, 12/15/2022 (21 Gates). Full Terminal Opening, 3/15/2023 (33 Gates)
F	New Terminal A Ramp	Rehabilitation and paving of South TWYs and ramp areas. Current scope includes new TWYs A9, A10, A11, A12 and F.	01/01/2018 to 10/20/2022 TBD	Complete	Y	Construction of New Terminal A Ramp Area (both North and South) in non-ATCT Movement Area including Taxilanes in progress.



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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
	No projects at this time					

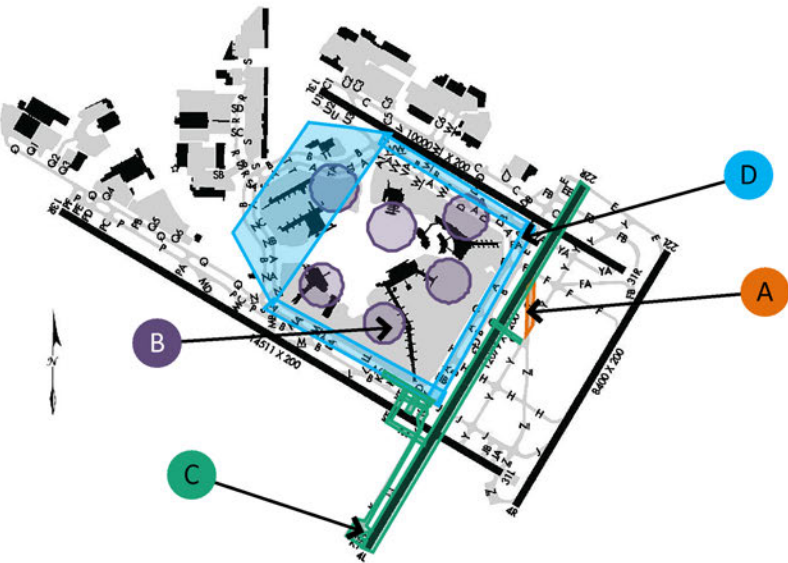
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A	TWY Z	G	G	G	G																																
B	Terminal Area (JFK Redevelopment (JFKR)) Program	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

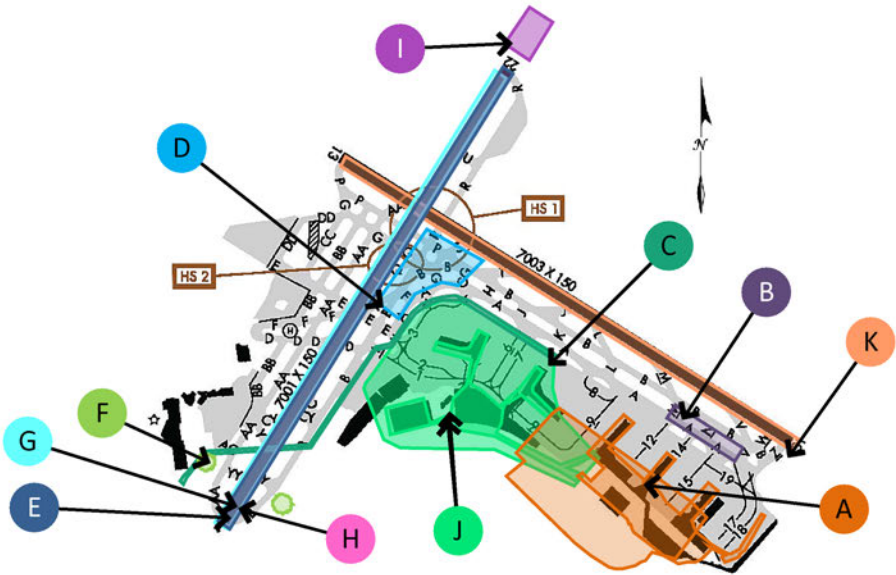
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY Z	TWY Z closed for construction between RWY 4L/22R and TWY Y.	07/29/2019 to 01/01/2023	In Progress	G	
B	Terminal Area (JFK Redevelopment (JFKR)) Program	Redevelopment construction involving Terminals 1, 4, and 5-7 and other areas.	06/01/2021 to 2028 TBD	In Progress	G	<p>24 hardstands will be relocated. This will result in increased towing operations and limited metering locations. Redevelopment scope and schedule being reevaluated due to COVID-19.TBD.</p> <p>JFK Redevelopment (JFKR) Program includes the following large-notable projects located inside of the Central Terminal Area (CTA): New South Terminal (New Terminal One (NTO)) New North Terminal (New Terminal 6 (NT6)) Terminal 4 (T4) Expansion including the extension of the T4 North Concourse "A".</p>

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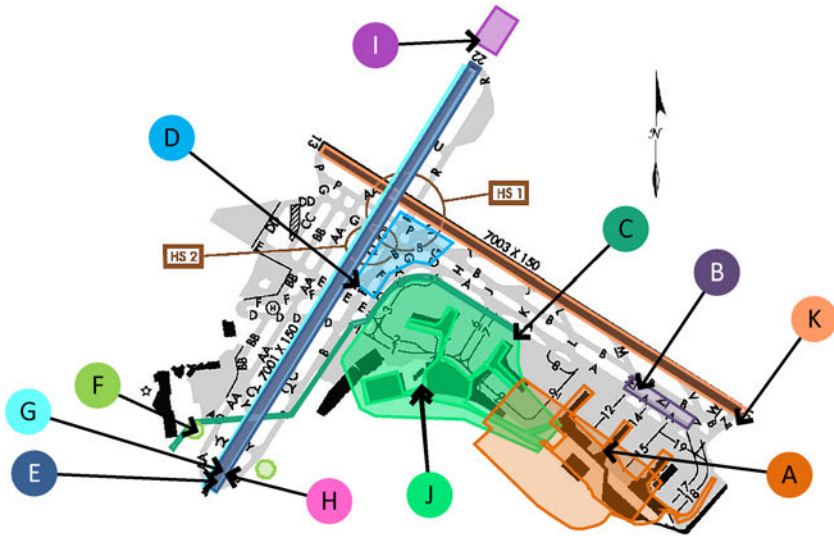
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C	RWY 4L/22R & TWY K	Y																																			
D	TWYs A & B				T	T	T	T	T	T	T	T	T	T	T	T																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	RWY 4L/22R & TWY K	RWY 4L/22R concrete repairs/replacement. Runway closures will occur as follows: one 96-hour closure and two 24-hour closures.	September 2022 to October 2022	Complete	Y	Impact would be the loss of a secondary departure runway and the possibility of a single-runway operation if driven by weather/wind.
D	TWYs A & B	Full reconstruction of TWYs A and B	2023 TBD	Upcoming	T	Project deferred due to COVID-19/funding constraints.



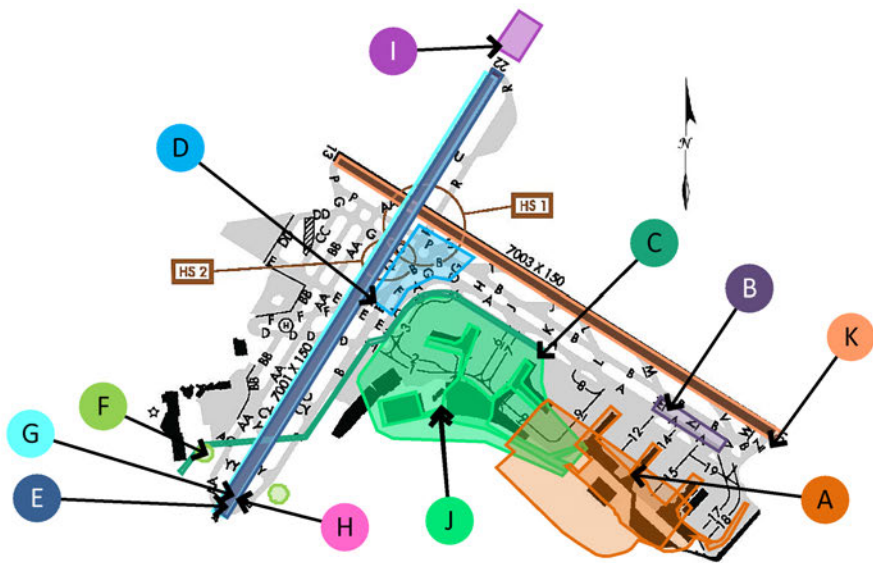
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A	Terminals C & D	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G										
B	TWY A Shoulder	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	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 December 2024	In Progress	G	Construction includes new main terminal. Terminal C & D is approx. 38% of LGA passenger traffic (275 daily departures). New Terminal C Headhouse and new Concourse E to be opened on June 4, 2022. Partial opening of Concourse F in Fall 2022.
B	TWY A Shoulder	TWY A shoulder work to tie in new Terminal C. Concourses E & F paving and drainage to TWY A.	March 2020 to 02/26/2025	In Progress	G	Nightly closures from 2300-0700. Possible closure of TWY N and V between A and M (now Taxiway 17).



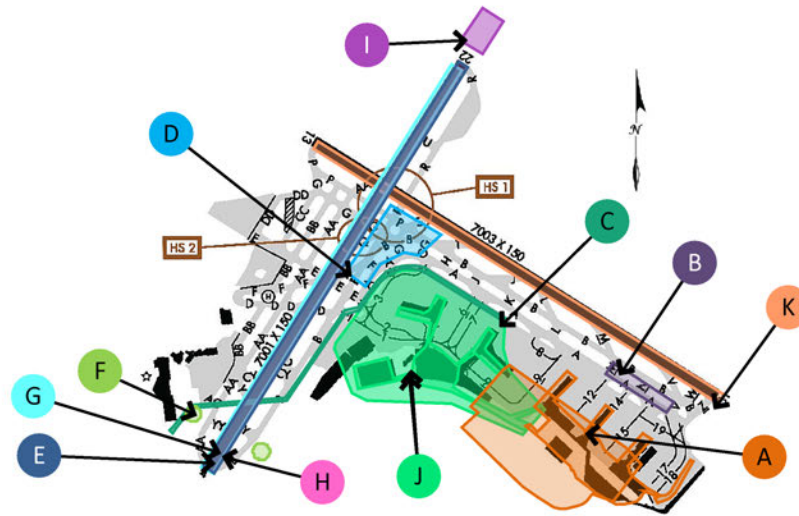
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C	Hydrant Fueling Line				G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G										
D	TWYs P, R, B, G Rehabilitation							T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	Hydrant Fueling Line	Installation of fuel hydrants line.	2023 TBD to 2024 TBD	Upcoming	G	Dates are tentative. This is a 28-phase project with most of the work done overnights. There will be some phases needing to be completed during the daytime. Segments of TWY B and TWY A will require reductions to ADG III or smaller. This will last for the duration of the project. Multiple segments may be worked on during the same time periods.
D	TWYs P, R, B, G Rehabilitation	TWYs P, R, B and G will require rehab work to be broken up in stages and completed over the course of two years (2023 & 2024).	Spring 2023 TBD to 2024 TBD	Upcoming	T	Asphalt and concrete work are required. Approximately 20, 54-hour weekend closures required to complete the concrete work. 54-hour closures include taxiway segments only. Both runways will return to service at or before 1200L on Sunday.



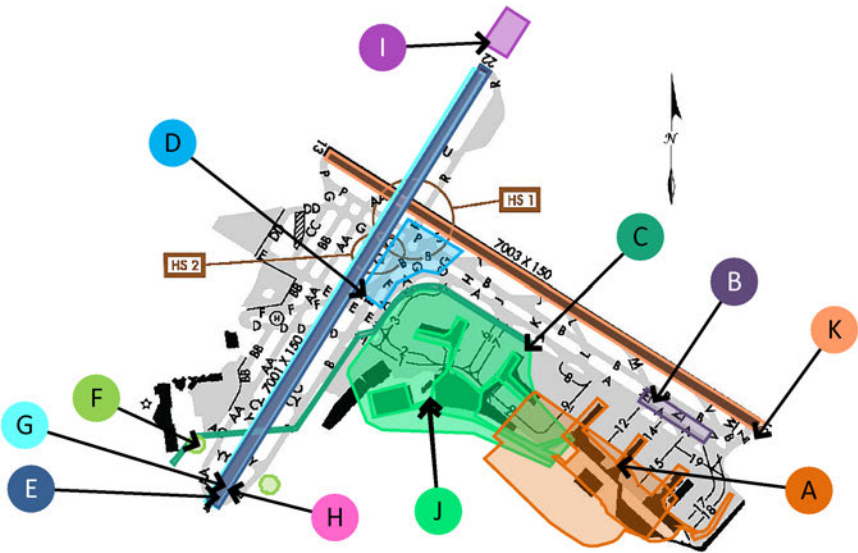
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E	RWY 4 MALSR							T	T	T	T	T																										
F	RWY 4 PAPI									G	G																											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	RWY 4 MALSR	There is a 120-day outage planned for the RWY 4 MALSR.	04/17/2023 to 08/15/2023	Upcoming	T	Various state and city DOT offices, along with the NYC Park service will be involved in this project for permit approvals. Boring under Grand Central Parkway and installing a light bridge catwalk over the Grand Central Parkway are included in this project. Increase S-ILS 04 visibility to 3/4 mile or RVR 4000.
F	RWY 4 PAPI	Replacing due to Hurricane Ida damage and relocating to coincide with ILS and RNAV procedures. This will be a 45-day outage.	06/12/2023 to 07/27/2023	Upcoming	G	Dates are tentative. Overlaps with the RWY 4 MALSR outage.



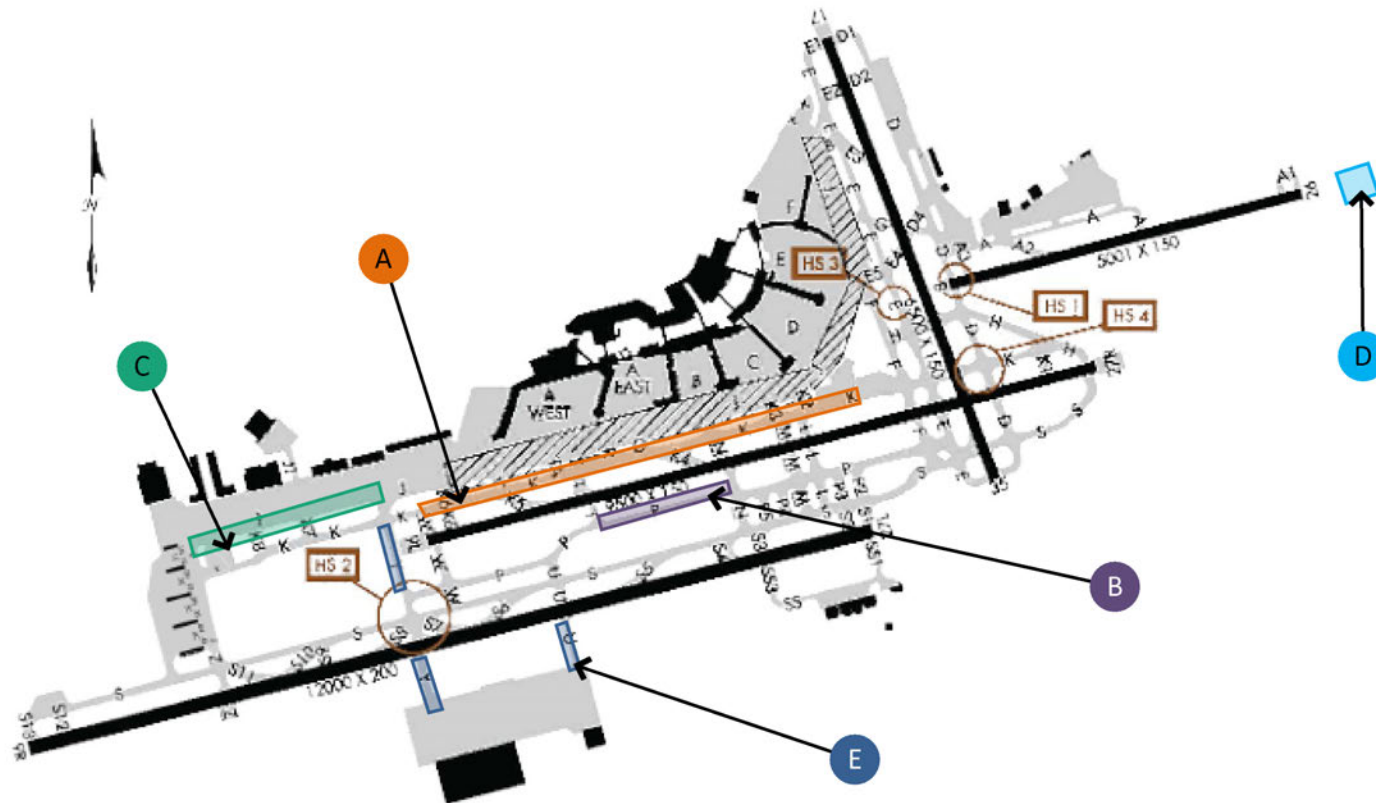
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G	Runway Closures		G	G	G	G	G	G	G	G	G	G	G	G	G																									
H	RWY 4 ALS							Y	Y	Y	Y	Y	Y	Y	Y	Y																								
I	RWY 4 Localizer																T	T	T	T	T	T	T	T	T	T	T	T												



	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	Runway Closures	The airport will be closed for overnight maintenance work. Airport will be closed to fixed wing aircraft for routine repairs to accommodate construction from 0000L to 0600L. Additionally, there will be an extended weekend closure of one of the two runways each weekend from Midnight Friday (0000L to noon (1200L) on Sunday.	11/15/2022 to 11/15/2023	In Progress	G	<p>From November 15, 2022 to April 15, 2023 the following procedures are in place for runway closures:</p> <p>One Runway will be NOTAM'd with a Prior Permission Request (PPR) requiring a 30- minute request in order to reopen the designated runway.</p> <p>Overnight airport closures will resume on April 15, 2023 and will continue until November 15, 2023.</p>
H	RWY 4 ALS	RWY 4 ALS replacement.	Spring 2023 TBD to Fall 2023	Upcoming	Y	RWY 4 ILS minimums will be increased due to inop component (4500 RVR).
I	RWY 4 Localizer	Construction of an extension of the runway deck platform.	2024 TBD	Upcoming	T	Proposal to relocate the RWY 4 localizer to support a more stable localizer signal. The relocation from a pier over the water to an extension of the runway deck platform will help eliminate signal reflection issues with the tide changes. Project is on hold.

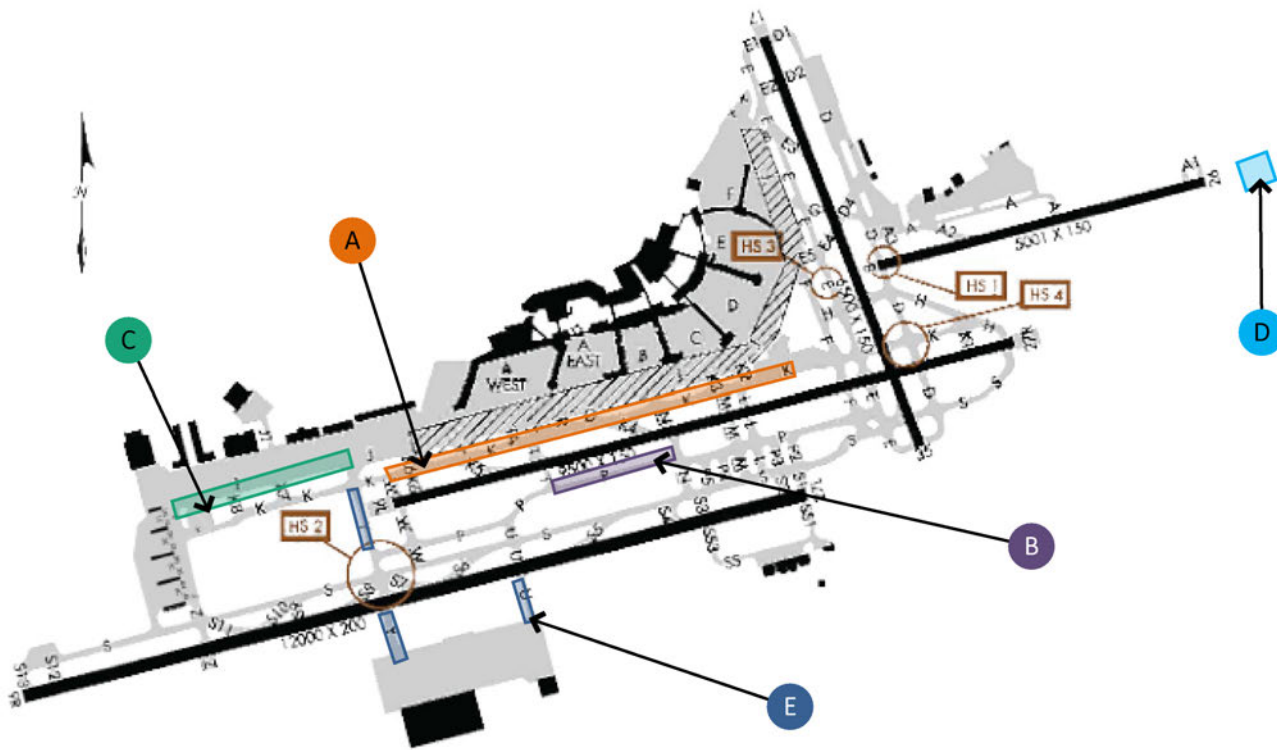


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J	Terminal B	G	G																																		
K	RWY 13 ALS	Y	Y																																		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
J	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 11/01/2022	Complete	G	Majority of Concourse B opened by June 2019. Concourse Headhouse opened June 2020. North portion of Concourse A opened August 2020 with first seven (7) gates. Last two (2) additional gates in Concourse B opened May 2021. All remaining gates will be open by Summer 2022. All remaining gates are now open as of July 2022. There is some final airside work on the ramp adjacent to the new Terminal B that is scheduled to wrap up December 2022.
K	RWY 13 ALS	RWY 13 ALS will be out-of-service.	07/25/2022 to 11/18/2022	Complete	Y	ILS visibility will go from 1800 RVR to 4000 RVR. Localizer visibility CAT A & B will go from 2400 RVR to 5500 RVR and CAT C & D will go from 2400 to 1 3/8 SM. RNAV (GPS) CAT A & B will go from 2400 RVR to 5500 RVR and CAT C & D will go from 2400 to 1 3/4 SM.

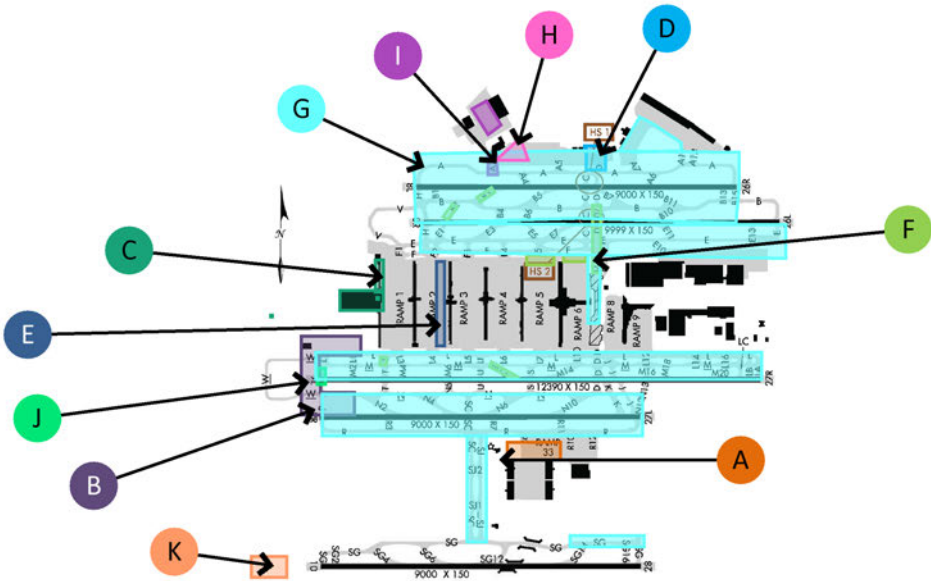
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY K Reconstruction	Reconstruction of TWY K. Construction includes demolition, paving, lighting, marking, and grading.	03/15/2020 to 12/31/2023	In Progress		Potential for limited impact to adjacent taxiways.
B	TWY P Relocation/Realignment	Reconstruction and relocation of TWY P between TWY T and TWY N.	March 2022 to 2023 TBD	In Progress		Potential for limited impact to adjacent taxiways.



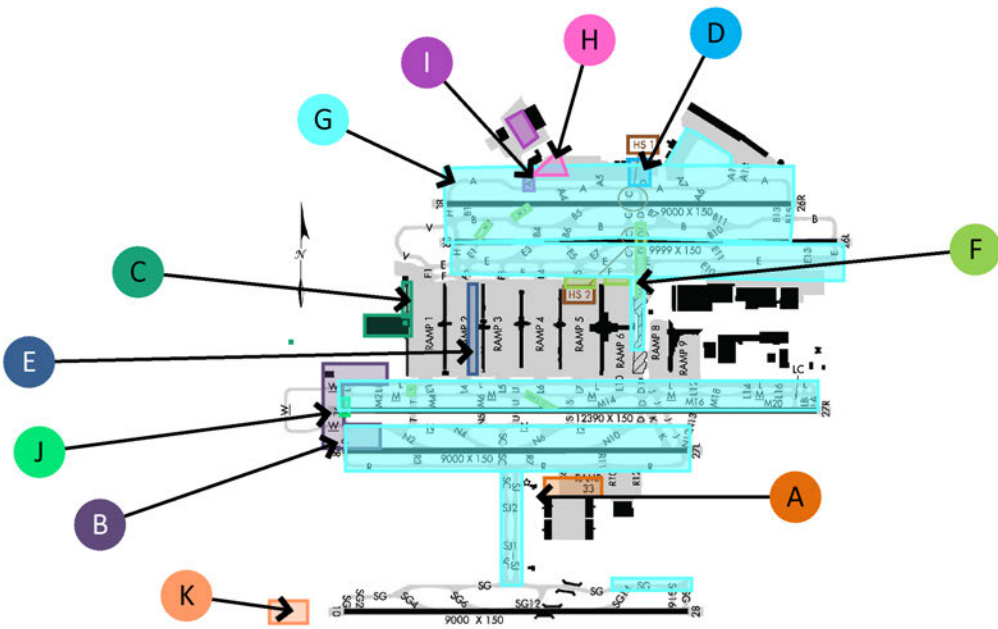
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C	TWY J Reconstruction						T	T	T	T	T	T	T	T	T	T	T	T	T																		
D	RWY 26 RSA								G	G	G	G	G	G	G	G	G	G	G	G	G	G															
E	TWYs Y and U								T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY J Reconstruction	TWY J reconstruction project.	March 2023 to March 2024	Upcoming	T	Expected to start in March 2023 and last a year.
D	RWY 26 RSA	Runway 26 RSA Improvements. Implementation of Declared Distances is being evaluated along with EMAS for the RWY 26 end based on updated ops.	05/01/2023 to 06/15/2024	Upcoming	G	
E	TWYs Y and U	Taxiways Y and U reconstruction project.	05/01/2023 to 06/30/2025	Upcoming	T	Expected to start in May 2023 and lasts two years.



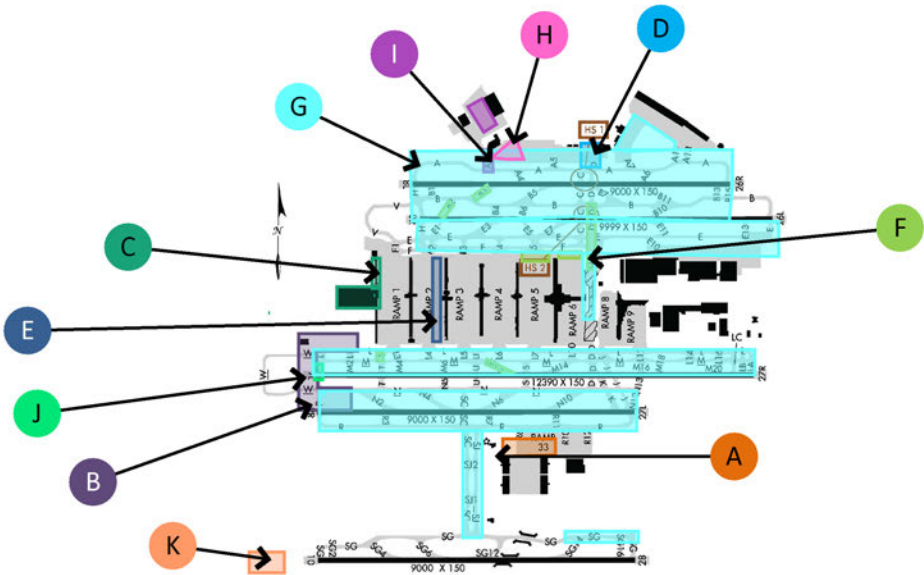
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C	Concourse T	G	G	G	G	G																																
D	RIM HS1									G	G	G																										

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	Concourse T	Concourse T will be extended north to add five (5) new gates. The extension will modify the parking areas, apron areas, and construct five (5) new gates to accommodate up to Aircraft Design Group (ADG) III.	01/01/2021 to 02/28/2023	In Progress	G	West entrance to Ramp 1N will continue to be closed until approximately 10/17/22. Concrete installation continues on the West side of Ramp 1N. The blast fence at the West end of the project adjacent to the SIDA fence has been installed. Building steel erection, for the five (5) gate extension is underway. Occupancy of Phase 1 (Gates T18,T19, T20 & T21) is October 17, 2022. Phase 2 (Gate T17 is February 28, 2023. Phase 3 (Renovation of existing gates T15 & T16) is February 28, 2023.
D	RIM HS1	Runway Incursion Mitigation (RIM) Program: Construction will be for TWY D at the entrance to FBO ramp shift.	June 2023 to August 2023	Upcoming	G	HS1 – Work will be shifting TWY D at the entrance to FBO ramp to the east to mitigate problematic geometry.



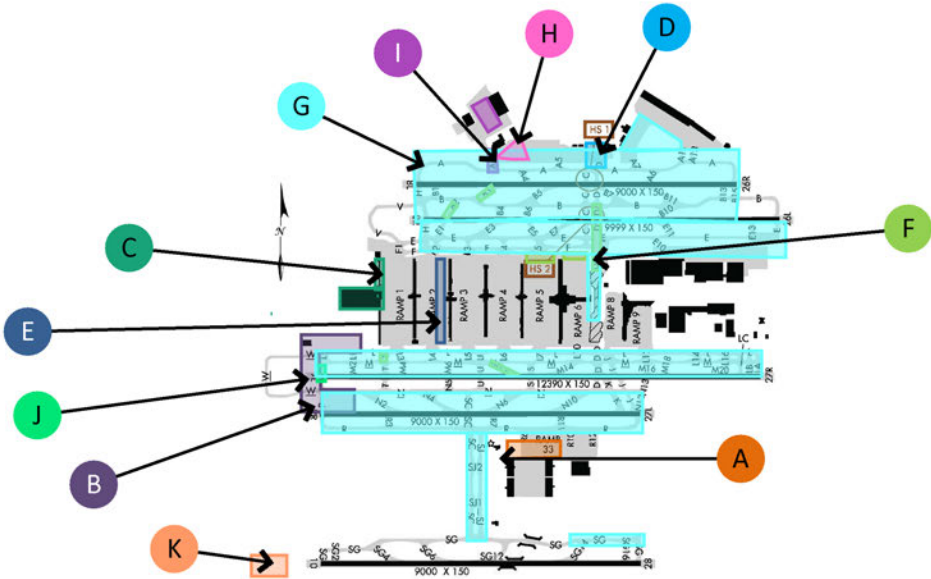
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E	Ramp 2 Pavement Replacement Project							G	G	G	G	G	G	G	G	G																					
F	Taxiway repair/pavement replacement							Y	Y	Y	Y	Y	Y																								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	Ramp 2 Pavement Replacement Project	33,000 square yards of full depth concrete pavement placement. Two slabs on either side of east side taxiway centerline.	Spring 2023 TBD to Fall 2023 TBD	Upcoming	G	13 phases, each phase 10 – 17 days per phase. Project will be coordinated so that no more than one ramp throat is closed at a time.
F	Taxiway repair/pavement replacement	Replace taxiway pavement including underdrains, lighting, markings and adjacent shoulders	April 2023 to Sep 2023 TBD	In Progress	Y	The only impact for this project will be that TWY A3 will be restricted to ADG III and below. Anticipated construction August to December 2022 for the following work locations: TWY B at B2 and B3. Taxiway D at Ramp 6N Ramp 5N at F (Requires closures of Gate D41 for 10 days, then Gate E36 for 10 days) TWY T between L and M, TWY M at M12



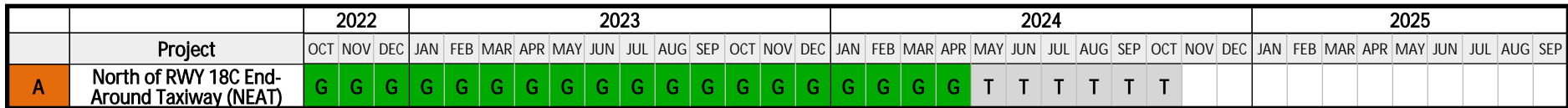
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G	Shoulder Replacement Project										Y	Y	Y	Y	Y	Y																						
H	Ramp 20 Pavement Replacement										T	T	T																									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	Shoulder Replacement Project	Crack seal, mill and overlay and full depth replacement of airfield shoulder pavement; grading along infield to eliminate debris dams along edge of paved shoulder.	Summer 2023 to Fall 2023 TBD	Upcoming	Y	Locations impacted: Shoulders adjacent infield areas in North and Center complexes. Will involve runway closures. In procurement, bids due this month, June 2022. • Finalizing construction phasing – 60 phases anticipated in 2023 • 4 phases: Will involve runway closures in north and center complexes (multiple weekends: Friday 2330 to Monday at 0630) • 30 Phases : 24/7 closures • 26 Phases: Night work only (2330 to 0630)
H	Ramp 20 Pavement Replacement	Ramp 20 pavement replacement.	Summer 2023 TBD	Upcoming	T	Locations impacted: Ramp 20/North Cargo. Ramp 20 anticipated construction is Summer 2023 (construction activities planned to take place in deicing off-season).



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I	Ramp 19 & Taxilane A3	G																																			
J	RWY 9L Relocated Threshold	G																																			
K	RWY 10 Glideslope									Y	Y	Y	Y	Y	Y	Y																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
I	Ramp 19 & Taxiway A3	Ramp 19 and Taxiway A3 Pavement replacement. Project will be broken into several phases.	06/01/2021 to 10/04/2022	Complete	G	Phase 12 construction is currently underway. Aircraft up to ADG V are now permitted to operate in the area and taxi under their own power.
J	RWY 9L Relocated Threshold	RWY 9L Relocated Threshold - End-Around Taxiway Construction.	09/16/2022 to 10/31/2022	Complete	G	Relocated threshold done and runway is back to full length.
K	RWY 10 Glideslope	Safety area improvements on north complex and grading of RWY 10 glideslope reflective plane.	June 2023 to 2023 TBD	Upcoming	Y	Will reduce capacity during Instrument operations. Glideslope outage for 120 days. Localizer will be operational. DOA cancelled bids. NTP issued to begin approved design modifications.



G No capacity effect **Y** Reduced Capacity and Potential Delay impact **R** Reduced Capacity and Greater Delay Impact **T** To be determined



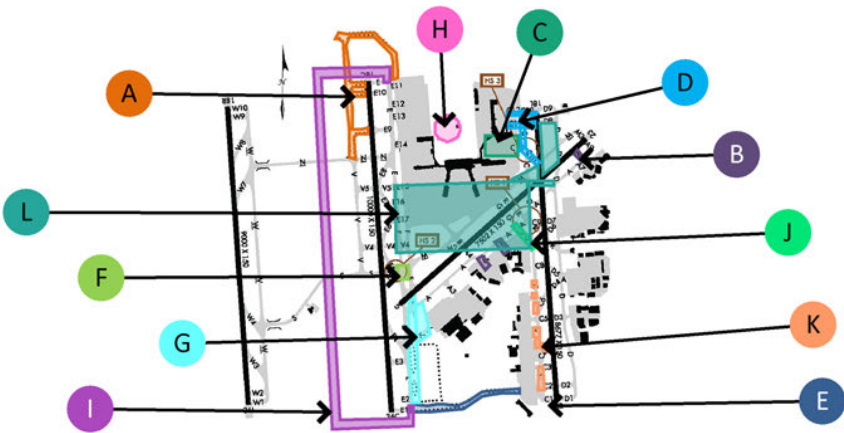
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B	TWYs A5, A6 & A8	G	G	G																																	
C	D and E Dual Taxilanes	G	G	G	G	G	G	G	G	G	G																										
D	TWYs C10, C11, C12	G	G	G	G	G	G	G	G	G	G	G	G	G	G																						

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
B	TWYs A5, A6 & A8	TWY A6 closed. Ramp is not in use. It is no longer used to access aircraft parking. TWY A8 closed between RWY 5/23 and TWY A. Pavement rehab work. TWY A5 closed.	03/07/2021 to 12/31/2022	In Progress	G	Airport Operations is having internal discussions about possibility of closing both taxiways, A6 and A8, permanently.
C	D and E Dual Taxilanes	Expand ramp concrete east into current grass islands, to create room for dual taxilanes along D & E concourses.	01/08/2022 to July 2023	In Progress	G	Construction will be phased to allow the use of D and E concourses with a single taxilane. Taxi times may increase slightly.
D	TWYs C10, C11, C12	TWY C closed between TWY C10 and TWY C12 to aircraft with wingspans greater than 118 feet. TWY C11 closed between terminal ramp and TWY C to aircraft with wingspans greater than 95 feet. TWY C11 closed between TWY C and RWY 18L/36R to aircraft with wingspans greater than 118 feet. TWY C12 closed between terminal ramp and approach end of RWY 18L to aircraft with wingspans greater than 118 feet.	05/20/2022 to 11/14/2023	In Progress	G	Part of the ramp D and E dual taxilane project currently in progress. ATC and ramp tower are working around the wingspan restrictions without issue.



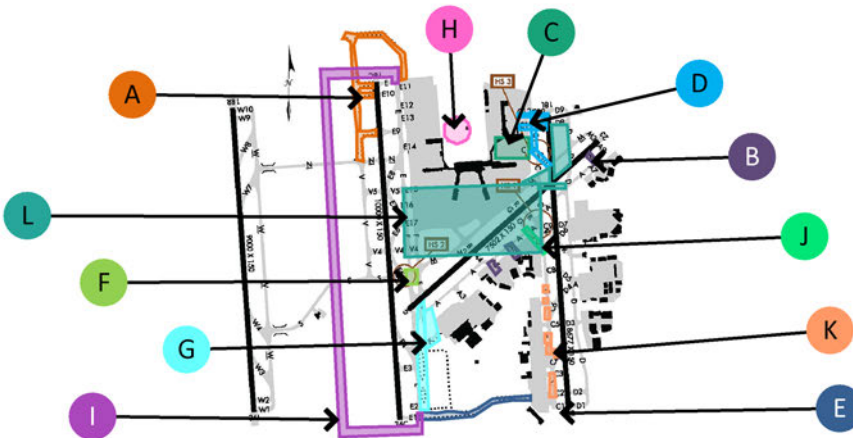
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E	South Crossfield Taxiway	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
F	Slab repair Echo/Sierra/Mike Intersection			G																																	
G	TWY F Extension							G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	South Crossfield Taxiway	Installation of an east-west taxiway (between RWYs 18C/36C & 18L/36R).	03/01/2021 to October 2025	In Progress	G	The South Crossfield Taxiway (SCF) paving and electrical is anticipated to start between April and June of 2023. The SCF taxiway is anticipated to be complete by October 2025
F	Slab repair Echo/Sierra/Mike Intersection	Repair of six concrete slabs.	12/04/2022 to 12/14/2022	Complete	G	Some normal taxi routes will have to be amended. May increase taxi times slightly but delays should not exceed 15 minutes. Work will be performed during the overnight hours.
G	TWY F Extension	Extension of TWY F, and creation of de-icing pads near the RWY 36C threshold. Work is being performed in conjunction with the South Crossfield Taxiway.	April 2023 to October 2024	Upcoming	G	TWY U was closed in May 2021 and will reopen with the paving and electrical for the TWY F extension and de-icing pad which is expected to be complete by October 2024.



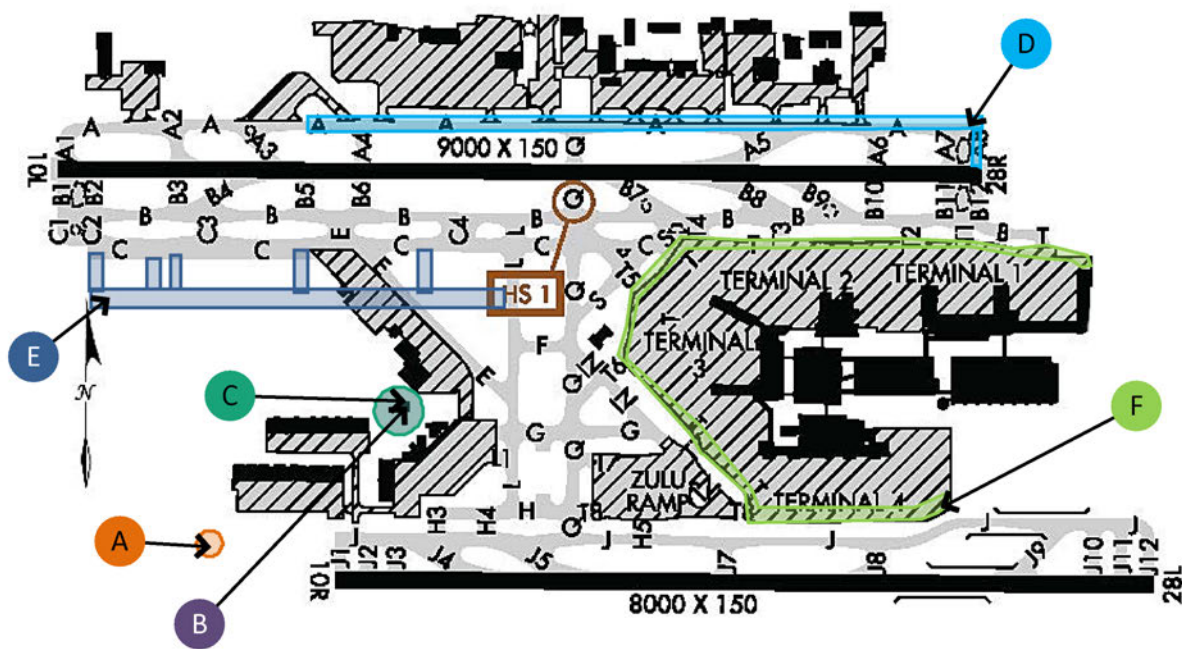
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H	Old Control Tower Removal				T	T	T	T	T	T	T	T	T	T	T	T																											
I	New 4th Parallel RWY				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	R	R

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	Old Control Tower Removal	Demolition of old FAA control tower.	2023 TBD	Upcoming	T	Hazardous materials reports are being compiled. ASDE-X antenna will be removed by crane at the same time the tower is taken down.
I	New 4th Parallel RWY	Build new runway to add capacity, 10,000 ft. x 150 ft., plus south end-around taxiways.	January 2023 to July 2025	Upcoming	Y	Possible service interruptions due to infrastructure system tie-ins. Possible arrival/departure impacts due to equipment and construction cranes.
		Will include full extension of TWY V east of new runway, a new parallel taxiway west of the new runway, and taxiway tie-ins to the north and south end-around taxiways.				Relocation of the existing Radio Transmitter and Radio Receiver sites is required prior to construction.
		West Blvd relocation.	August 2024 to November 2025	Upcoming	Y	This phase will consists of early clearing and grading in preparation for the new runway.
		Construction of New 4th parallel runway.	February 2025 to September 2027	Upcoming	R	The impact level may change as project phase timeframe gets closer.
		SEAT construction. NEAT tie-in.	February 2025 to January 2027	Upcoming	Y	The impact level may change as project phase timeframe gets closer.



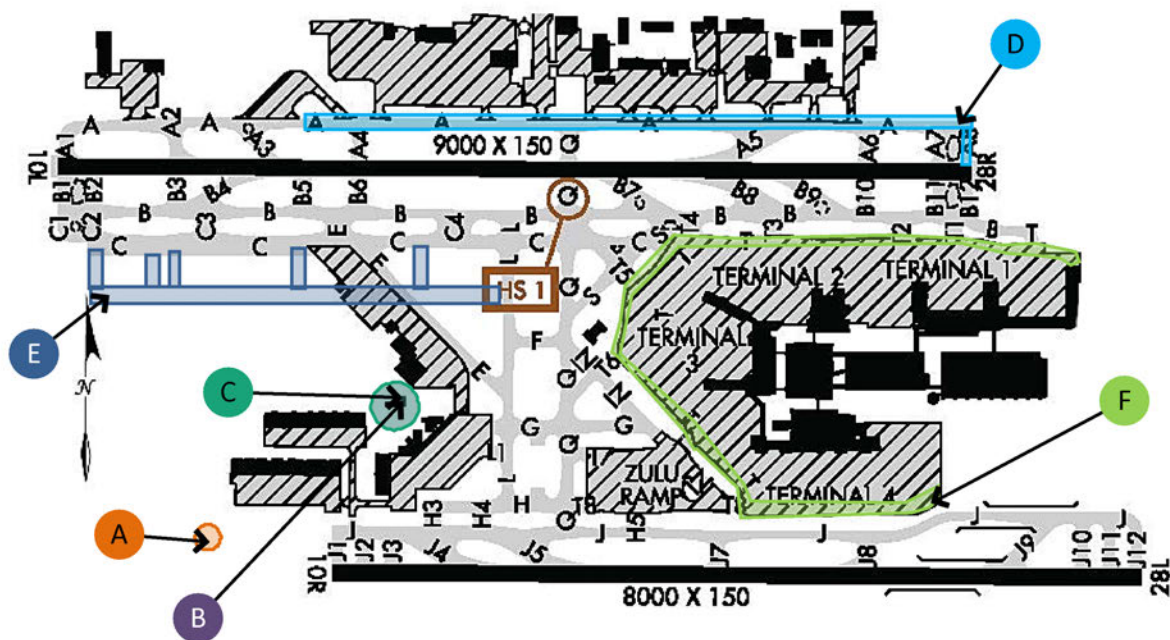
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J	TWY G Slab Repairs	G																																			
K	TWY C Slab Repairs		Y																																		
L	Terminal Ramp Expansion - Phase 1																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
J	TWY G Slab Repairs	Repair nine concrete slabs in two phases on TWY G between TWY A and TWY C.	10/09/2022 to 10/21/2022	Complete	G	Work will be performed during the overnight hours. Phase 1 will be complete by 10/17/2022. Phase 2 will be complete by 10/21/2022.
K	TWY C Slab Repairs	Repair twenty-two concrete slabs on the south end of TWY C.	11/04/2022 to 11/08/2022	Complete	Y	Several slabs are in critical need of repair. Reduced arrival rates for the duration of the project. TBFM scheduled delays for departures landing CLT will increase.
L	Terminal Ramp Expansion - Phase 1	Airport is performing design to convert RWY 5/23 to a taxiway in September 2023. After the runway is closed and the ASR is relocated, the terminal ramp will be extended to the south to improve ground traffic flow and facilitate future expansion. Phase 1 consists of ramp concrete extension southward from the B Concourse area.	01/01/2025 to 01/31/2027	Upcoming	G	RWY 5/23 was permanently NOTAMed as out-of-service on May 1, 2022. Multi-phased project. Possible service interruptions for infrastructure system tie-ins and arrival/departure impacts due to equipment and construction cranes. Relocation of the Airport Surveillance Radar is required prior to construction.



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	Project	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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
A	RWY 10R/28L Crane ops	G	G	G	G	G	G																														
B	Tower Cab Modernization	G	G	G	G	G	G	G	G	G																											
C	Tower Cab Equipment						G	G	G																												

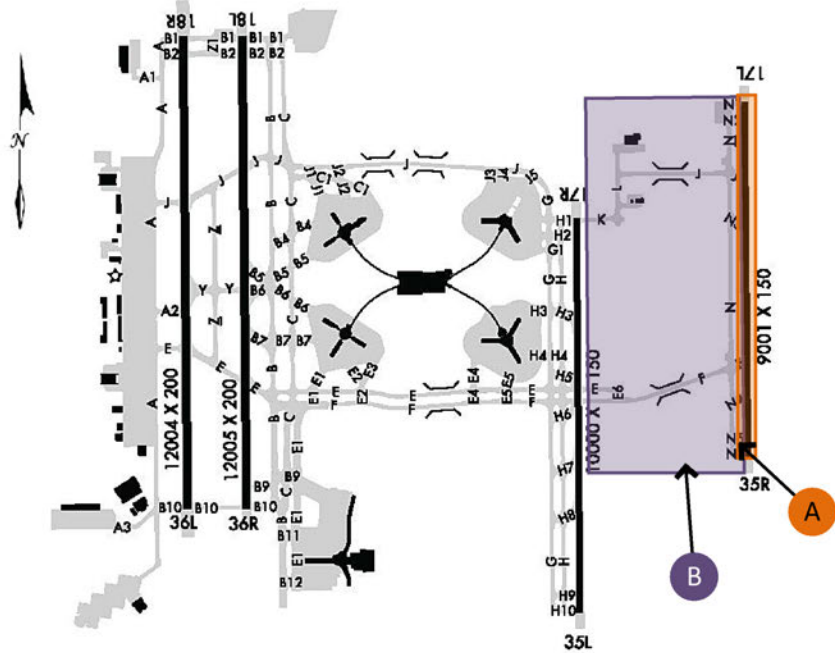
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 10R/28L Crane ops	Daily overnight crane operations in the immediate vicinity of RWY 10R Approach/RWY 28L Departure.	01/22/2022 to 03/31/2023	In Progress	G	Deployment of crane(s) in the location(s) designated deems FLL RWY 10R unusable for arrivals and RWY 28L unusable for departures for the noted dates and times (0400Z-1000Z).
B	Tower Cab Modernization	Renovation of FLL base building will also include roof replacement of the the tower cab.	06/21/2022 to 06/20/2023	In Progress	G	Anticipating an ASDE-X outage for approximately 1 week during this project. Exact dates unknown. No operational impacts expected.
C	Tower Cab Equipment	Renovation of FLL Tower Cab consisting of installing new equipment and replacing existing workspaces.	03/01/2023 to 05/01/2023	Upcoming	G	Renovation within tower cab. Control positions will remain open. No operational impacts expected.



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D	TWY A Rehabilitation																		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T					
E	New Taxilane C Project																		T	T	T	T	T	T	T	T	T	T	T	T	T	T	T					
F	Taxilane T Rehabilitation																					T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		

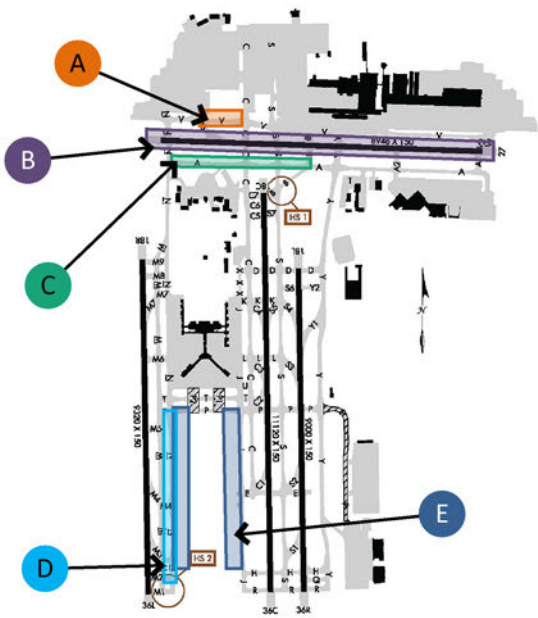
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWY A Rehabilitation	Rehabilitation of Taxiway A.	Q2 2024 to Q2 2025	Upcoming	T	Design start is expected in Q1 2023 with construction planned to start Q2 2024. Construction is expected to last 9-12 months.
E	New Taxilane C Project	Construction of Taxilane ADG III will be parallel and south of TWY C.	Q2 2024 to Q2 2025	Upcoming	T	This project will help with BCAD's westside development needs. Design start expected Q1 2023 and construction planned to begin Q2 2024.
F	Taxilane T Rehabilitation	Rehabilitation of Taxilane T.	Q3 2024 to Q3 2025	Upcoming	T	Design start planned for Q2 2023 and construction expected to begin Q3 2024.

IATA Level 2



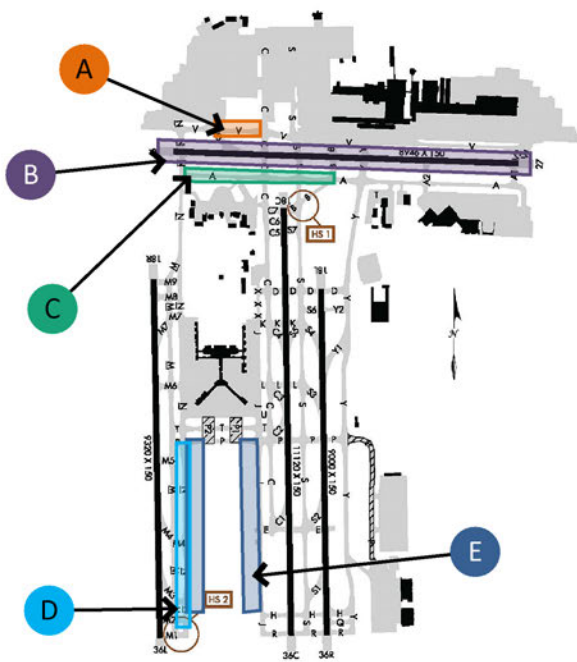
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A	RWY 17L ALSF	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																					
B	East-side Taxiways					Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 17L ALSF	The RWY 17L ALSF is scheduled to remain out-of-service until November 18, 2022.	05/27/2022 to 2023 TBD	In Progress	G	The impact of the ALSF outage is a reduction in service level on the RWY 17L ILS. The CAT I approach will have increased minimums and the CAT II approach will be NA. There are no impacts on the CAT III approach.
B	East-side Taxiways	Phase 2 is the second part of the east field rehabilitation project. The exact phasing plan has not been decided. The project will encompass a 3-month closure for RWY 17L/35R, TWY N and connectors, TWY J, TWY L and TWY K. When the work shifts to TWY N and RWY 17L/35R, which is the 3-month closure, the impacts will be more.	February 2023 to 2023 TBD	Upcoming	Y	There should be only minimal impacts for the TWY K, TWY L and TWY J as the tower will have full access to RWY 17L/35R and TWY F for crossing traffic to this side. There is a 3-month closure planned for RWY 17L/35R and TWY N which could cause some delays. The plan should be similar to the plans previously used and with those in place the impacts were usually mitigated. Weather and increased volume could create the need for some traffic management initiatives to be put into place.



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A	TWY V3	G	G	G	G	G	G	G	G	G	G																										
B	RWY 9/27 Status Lights				G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G									
C	TWY A								T	T	T	T	T	T																							

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY V3	TWY V closed between TWY V3 and TWY C except for taxiing speeds less than 10 mph. Taxiway is closed daily (Mon.-Sat.) from 0700L-1500L for FedEx gate construction.	02/10/2022 to 06/01/2023	In Progress	G	Finishing work in the TSA then stopping work until February 2023. Speed restriction will be in place when work resumes.
B	RWY 9/27 Status Lights	RWY 9/27 runway status lights (RWSL) system will be installed.	2023 TBD to 2024 TBD	Upcoming	G	Reimbursable Agreement Executed. Design expected to start January 2023 and construction late 2023/early 2024.
C	TWY A	TWY A (West) full-depth reconstruction of approx. 4,125 ft. (between TWYs B and N). Includes demolition, grading, drainage, signage, markings, and lighting. This project will also include Hot Spot 1 work.	Spring 2023 to October 2023	Upcoming	T	Construction will be done in four phases. Impact level will be changed if there is any effect on capacity or delays.



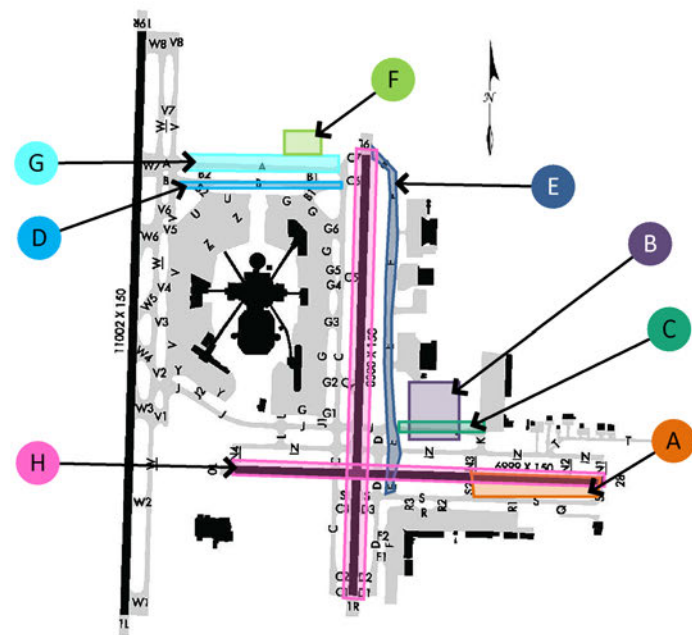
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D	TWY N	G																																			
E	TWYs N & J Deicing Pad	G																																			

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWY N	TWY N south of TWY P is closed for electrical work.	02/21/2022 to 10/22/2022	Complete	G	
E	TWYs N & J Deicing Pad	TWYs N and J, deicing (glycol collection) pad between RWYs 36L and 36C. TWY N closed between: TWY M4 and TWY P (2/1/2022 to 5/1/2022) & TWY M1 and TWY M4 (2/1/2022 to 7/1/2022) TWY N closed south of TWY P until August 8.	September 2022 to October 2022	Complete	G	Crane located between TWYs N and J deice pads no longer in use. CAT II/III operations no longer affected.



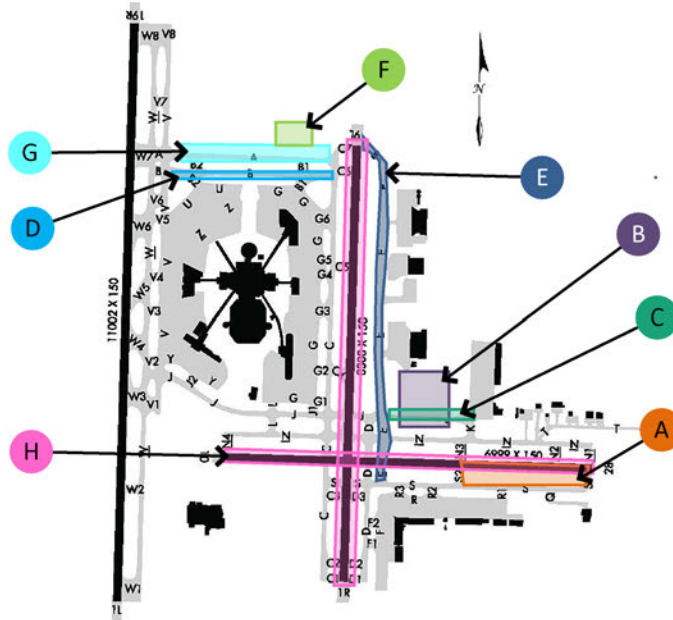
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A	Central Base Ramp	G	G	G	G	G	G	G	G	G																											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Central Base Ramp	Central Base (East side) ramp expansion and taxiway tie-in.	June 2022 to 06/30/2023	In Progress	G	Project expected to have minimal impact to operations during taxiway tie-in work at the N-13 intersection. Impact expected to be limited to work adjacent to N-13 and possibility of off-peak hours closure or restriction of N-13 between TWYs N & M.



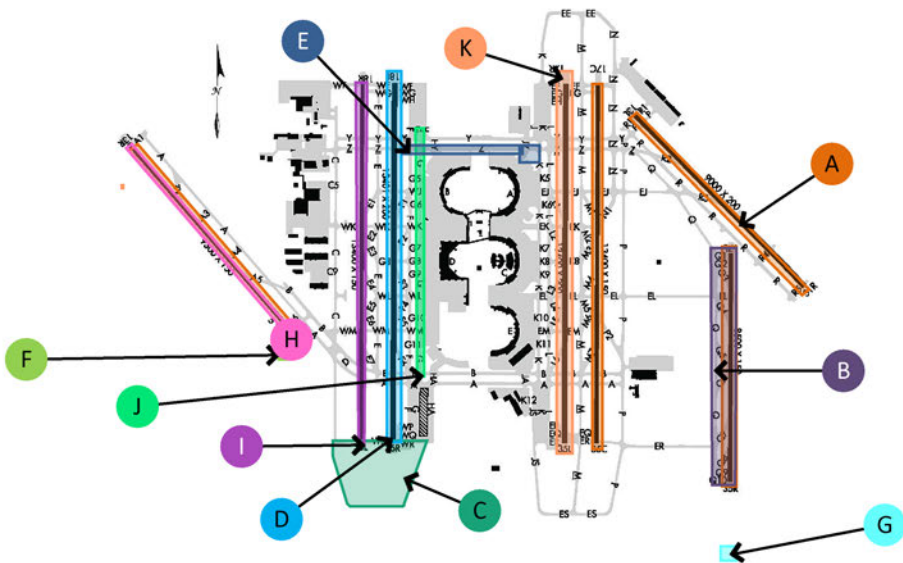
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A	TWY S	G	G	G	G	G																																
B	Air Cargo Expansion	G	G	G	G	G	G	G	G	G	G	G	G	G																								
C	TWY J (TWYs K to E)	G	G	G																																		
D	TWY B Closure				G	G	G	G	G	G	G	G	G	G	G	G																						

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY S	TWY S closed between TWY R1 and TWY S1 to aircraft with wingspans greater than 118 feet.	05/04/2022 to February 2023	In Progress	G	
B	Air Cargo Expansion	Air Cargo expansion project.	August 2022 to October 2023	In Progress	G	Dates are tentative.
C	TWY J (TWYs K to E)	TWY J closed between TWYs K and E to remove and rebuild a portion of the existing south service road.	09/06/2022 to 12/22/2022	Complete	G	
D	TWY B Closure	TWY B closure.	2023 TBD	Upcoming	G	Construction expected to lasts 30 days and will occur sometime between January 2023 and August 2023.



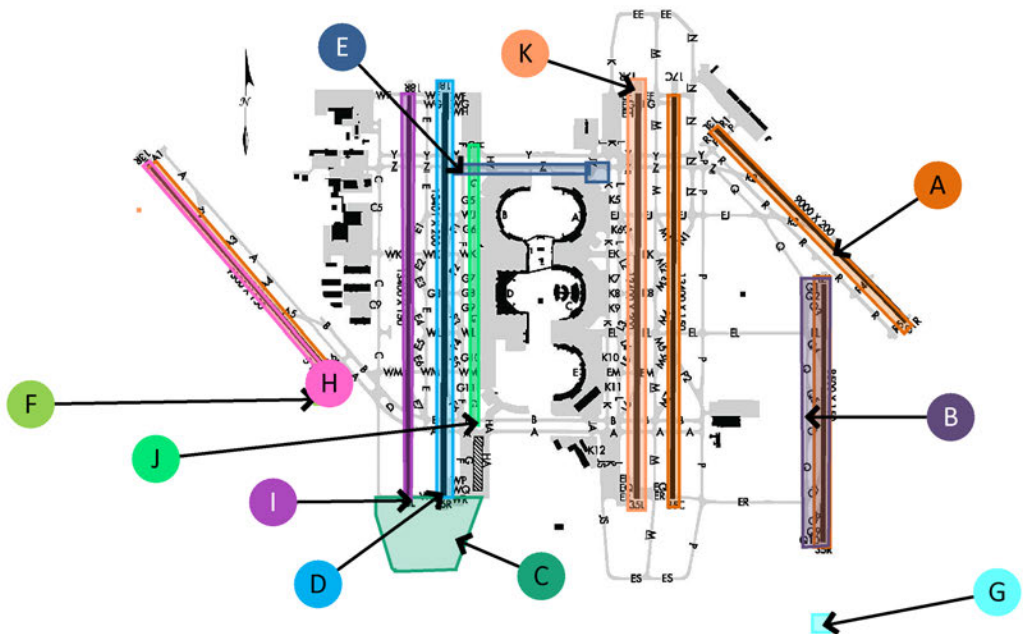
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E	TWY E Rehabilitation							T	T																													
F	North Remain Overnight (RON) Apron Project									G	G	G	G	G	G	G	G	G	G	G	G	G	G	G														
G	TWY A									G	G	G	G	G	G	G	G	G	G	G	G	G	G	G														
H	RWYs 1R/19L & 10/28 Slab Replacement										Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y															

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	TWY E Rehabilitation	Rehabilitation of TWY E.	April 2023 to May 2023	Upcoming	T	Dates are tentative.
F	North Remain Overnight (RON) Apron Project	Construction of the North RON apron.	June 2023 to July 2024	Upcoming	G	
G	TWY A	TWY A closure.	June 2023 to July 2024	Upcoming	G	Minor impacts expected during construction.
H	RWYs 1R/19L & 10/28 Slab Replacement	Slab replacement work on RWY 1R/19 and RWY 10/28.	July 2023 to June 2024	Upcoming	Y	At peak times, the closure of RWY 1R/19L could create delay impacts during the slab replacement project.



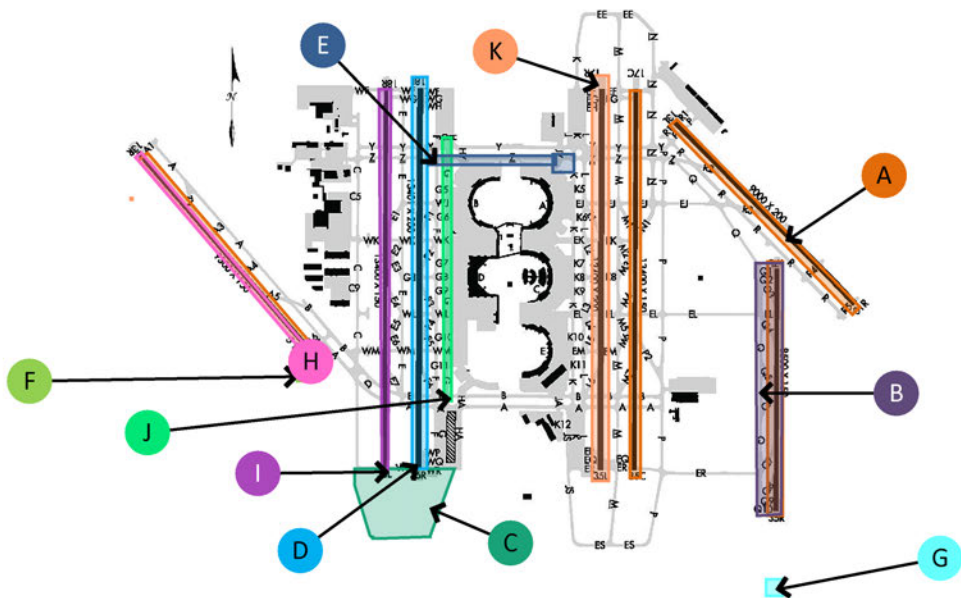
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A	RWYs 17C/35C, 17L/35R, 13R/31L, & 13L/31R Restricted	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																					
B	RWY 17L/35R Storm Drain project	G	G	G	G	G	G																														
C	Southwest End-Around Taxiway				G	G	G	G	G	G	G	G	G	G	G	G										T	T	T	T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWYs 17C/35C, 17L/35R, 13R/31L, & 13L/31R Restricted	RWYs 17C/35C, 17L/35R, 13L/31R, & 13R/31L closed to aircraft with wingspans greater than 214 feet.	12/22/2021 to 2023 TBD	In Progress	G	
B	RWY 17L/35R Storm Drain project	Storm Drain repair project.	July 2022 to 03/31/2023	In Progress	G	Night work only: (2300-0600)
C	Southwest End-Around Taxiway	RWYs 36L & 36R Southwest End-Around Taxiway (EAT). Package 1A.	2023 TBD to 12/01/2023	Upcoming	G	All construction completed outside the movement area. No operational impacts.
		RWYs 36L & 36R South Section. Package II	September 2024 to January 2026	Upcoming	T	
		RWYs 36L & 36R South Section. Package III	2025 TBD to 2026 TBD	Upcoming	T	



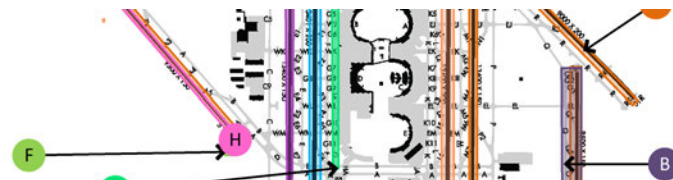
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D	RWY 18L/36R Pavement Remediation		G	G	G	G	G	G																													
E	Ramp A North & TWY JY Reconstruction				G	G	G	G	G	G																											
F	East ARFF Station																G	G	G	G	G	G	G	G	G	G	G	G									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	RWY 18L/36R Pavement Remediation	RWY 18L/36R joint seal night work (2200-0600)	11/28/2022 to April 2023	In Progress	G	Cannot begin until completion of 17L night work.
E	Ramp A North & TWY JY Reconstruction	Ramp A North and TWY JY reconstruction project.	January 2023 to June 2023	Upcoming	G	Expected taxi times from the Zulu bridge being closed may increase some taxi times by 5 minutes or less for those needing the bridge in a South flow.
F	East ARFF Station	East ARFF work.	Dec 2023 TBD to 2024 TBD	Upcoming	G	



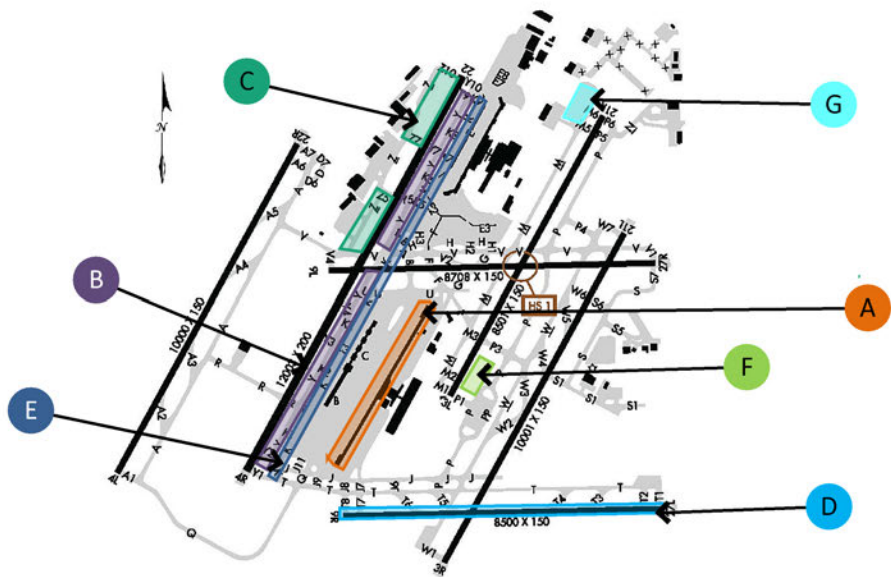
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G	35R Localizer	G	G																																		
H	RWY 13R/31L Pavement Remediation	Y	Y																																		
I	RWY 36L ALSF-2																T	T	T	T	T	T	T	T	T	T	T										
J	TWY G Rehabilitation																								T	T	T	T	T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	35R Localizer	RWY 35R localizer construction/installation	09/07/2022 to 11/07/2022	Complete	G	RWY 35R localizer OTS for 8-10 weeks. Project will start after RWY 31R is opened.
H	RWY 13R/31L Pavement Remediation	RWY 13R/31L pavement remediation.	09/26/2022 to 11/19/2022	Complete	Y	Full pavement closures Sep. 27-Nov. 10, 2022. In the South Flow, the arrival rate will be impacted. North Flow departure rate is TBD. Full runway closures will not overlap.
I	RWY 36L ALSF-2	Remove and replace RWY 36L MALSR with ALSF-2.	2024 TBD	Upcoming	T	The ALSF-2 project has been put on hold by DFW. There are no definitive plans to restart that project as it would require a runway shutdown.
J	TWY G Rehabilitation	TWY G rehabilitation project.	September 2024 to 2026 TBD	Upcoming	T	



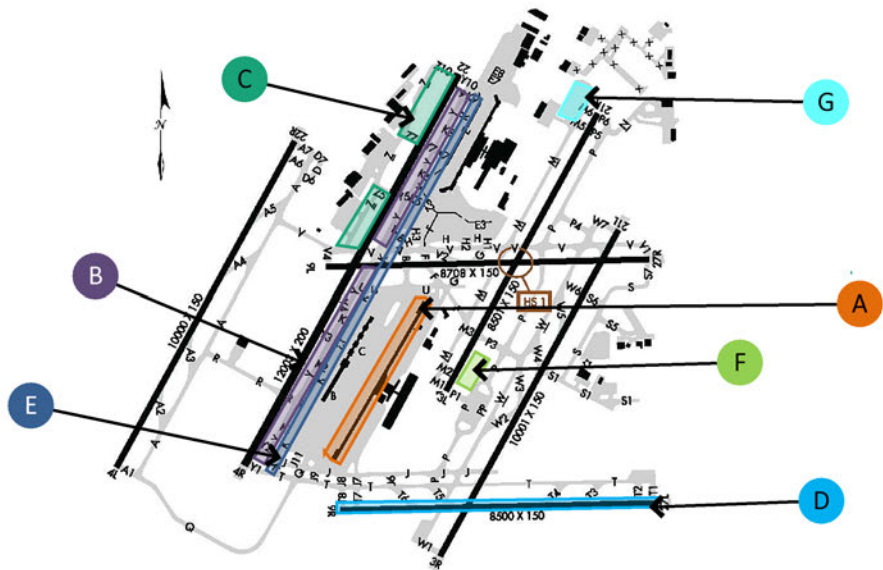
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K	RWY 17R/35L Rehab							Y	Y	Y	Y	Y	R	R	R	R	R	R	R	Y	Y	Y	Y	Y																

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
K	RWY 17R/35L Rehab	RWY 17R/35L will be a full rehabilitation. RWY 35L threshold construction.	April 2023 to August 2023	Upcoming	Y	Rolling closures south to north. South flow minimal impact to arrivals and departures. North flow arrival rates reduced to allow departures off of RWY 35C during departure banks. Visual Conditions: Landing 36L, 35R, 31R (6MIT). VMC: 90/90 AAR/ADR. Instrument Conditions: Landing 36L, 35R, 35C (8MIT). LVMC/IMC: 78/72, LIMC: 66/60 AAR/ADR. Departures: 15-20 Departure Delays (East Bound/Gate Departures Impacted Most) Gate Holds Possible. One entrance to RWY 35L for departures. RNAV Split efficiencies lost.
		Middle portion of RWY 17R/35L closed from TWY EJ to TWY EM.	September 2023 to March 2024	Upcoming	R	Arrivals: Dynamically Reduced AAR to allow departures from 17C during departure banks. Visual Conditions: Landing 13R (6MIT), 18R, 17L. VMC: 90/90 AAR/ADR. Instrument Conditions: Landing 18R, 17C (8MIT), 17L. LVMC/IMC: 78/72, LIMC: 66/66 AAR/ADR Departures: Gate Holds Possible North Flow: Reduced AAR to allow tower to depart off of RWY 35C. Visual Conditions: Landing 36L, 35R, 31R (6MIT). VMC: 90/90 AAR/ADR. Instrument Conditions: Landing 36L, 35R, 35C (8MIT). LVMC/IMC: 78/72, LIMC: 66/66 AAR/ADR Departures: Gate Holds possible.
		North 4000' of runway closed. RWY 17R threshold construction.	March 2024 to August 2024	Upcoming	Y	North Flow: Minimal Impact South Flow: Reduced AAR to allow tower to depart off of RWY 17C during departure banks. Visual Conditions: Landing 13R (6MIT), 18R, 17L. VMC: 90/90 AAR/ADR. Instrument Conditions: Landing 18R, 17C (8MIT), 17L. LVMC/IMC: 78/72, LIMC: 66/66 AAR/ADR



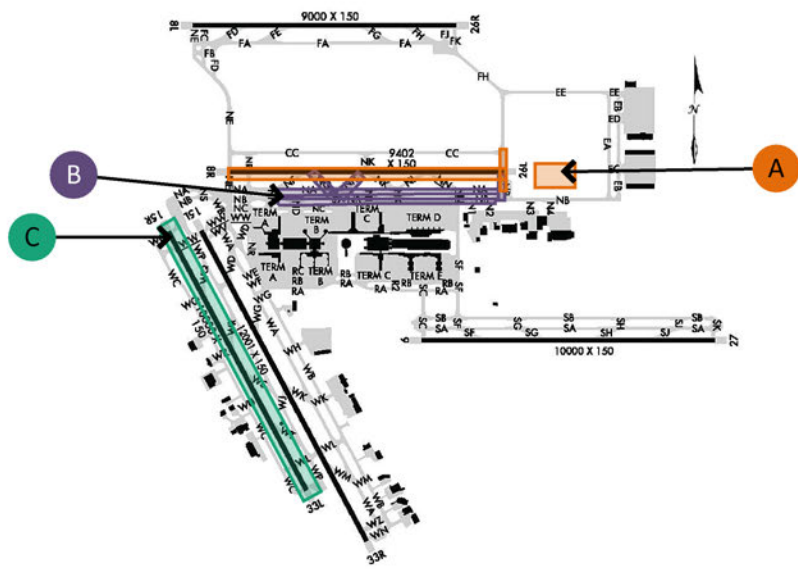
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A	McNamara Apron Rehabilitation	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
B	TWY Y Rehab - Phases 1 & 2	G	G					G	G	G	G	G	G	G	G																						
C	TWY Z Construction																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	McNamara Apron Rehabilitation	Rehabilitate apron around the south terminal (McNamara) and the adjacent deice pad. Multiple phases. 4/1/2021-11/15/2021; 4/1/2022-11/15/2022; 4/1/2023-11/15/2023; 4/1/2024-11/15/2024; 4/1/2025-11/15/2025	04/01/2022 to 11/15/2025	In Progress	G	Project is in non-movement area. Phased to provide minimal impact on aircraft ground movement.
B	TWY Y Rehab - Phases 1 & 2	Rehabilitate TWY Y between TWYs Y9 & V.	04/01/2022 to 11/15/2022	Complete	G	Project is in movement area. Phased to minimize impact. Not anticipating closure of RWY 4R/22L.
		Rehabilitate TWY Y south of RWY 9L/27R.	04/01/2023 to 11/15/2023	Upcoming	G	Project is in movement area. Phased to minimize impact. Not anticipating closure of RWY 4R/22L.
C	TWY Z Construction	TWY Z relocation between TWY V & Z5, and rehab of pavement section between TWY Z7 & Z10.	04/01/2025 to 11/15/2025	Upcoming	G	TWY Z will be relocated out to standard separation.



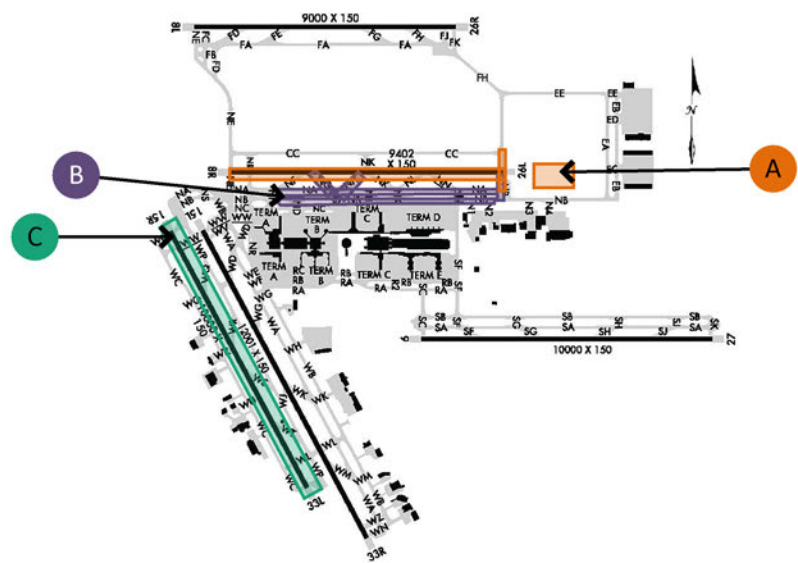
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D	RWY 9R/27L Rehabilitation																			T	T	T	T	T	T	T	T											
E	TWY K Rehab - Phases 1 & 2																			T	T	T	T	T	T	T	T				T	T	T	T	T	T		
F	RWY 3L Deice Pad																			T	T	T	T	T	T	T	T											
G	RWY 21R Deicing Pad Removal																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	RWY 9R/27L Rehabilitation	Rehabilitation of RWY 9R/27L.	04/01/2024 to 11/15/2024	Upcoming	T	Project will mill and overlay the runway.
E	TWY K Rehab - Phases 1 & 2	Rehabilitate TWY K North of RWY 9L/27R.	04/01/2024 to 11/15/2024	Upcoming	T	Project is in movement area. The work will be done in phases to minimize impact. No runway closures anticipated.
		Rehabilitate TWY K south of RWY 9L/27R.	04/01/2025 to 11/15/2025	Upcoming	T	Project is in movement area, will be in phases to minimize impact. No runway closures anticipated.
F	RWY 3L Deice Pad	Reconstruct and shift the 3L deice pad.	04/01/2024 to 11/15/2024	Upcoming	T	Project will relocate the pad slightly to conform with design standards. To be completed during non-deicing season. Alternate taxi routes to be utilized.
G	RWY 21R Deicing Pad Removal	RWY 21R deicing pad will be removed and a new taxiway hold bay created.	04/01/2025 to 11/15/2025	Upcoming	T	Project will demolish RWY 21R deicing pad and construct a hold bay. RWY 3L/21R will remain open.



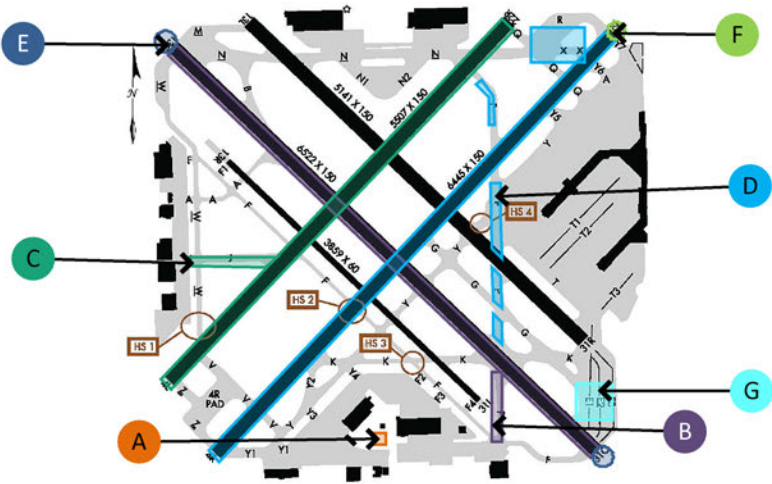
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A	RWY 26L ALSF Project	Y	Y	Y	Y	Y	R																																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 26L ALSF Project	Removing all old ALSF equipment/buildings/etc. damaged from hurricane Harvey and building multiple storage buildings, new approach and in-pavement lighting for RWY 26L approach end. This project will be inconjunction with the 3-month RWY 26L closure.	April 2022 to Jan 2023 TBD	In Progress	Y	Phase 1: 6 months; may have to adjust approach minimums for RWY 26L crane operations. Will involve a 3-month approach reduction and additional 3-month full runway closure.
		Phase 2: 3 months, approach lighting disabled, CAT I only approach available. This is in conjunction with the 3-month RWY 26L closure.	01/01/2023 to 03/01/2023	Upcoming	Y	Expect reduced AAR 72 VMC / AAR 64 IMC. In addition, expect single-stream arrivals on the northeast and northwest corners. 30+ minute airborne and ESP delays during heavy arrival demand.
		Phase 3: 3 months, RWY 8R/26L closed. TWY NP closed between TWYs CC and NA.	03/02/2023 to 03/31/2023	Upcoming	R	Expect single-stream arrivals on the NE and NW corners. Expect AAR 96-108 in VMC and IMC reduced AAR from 88-96 to 56-64. 30+ minute airborne and ESP delays during heavy arrival demand.



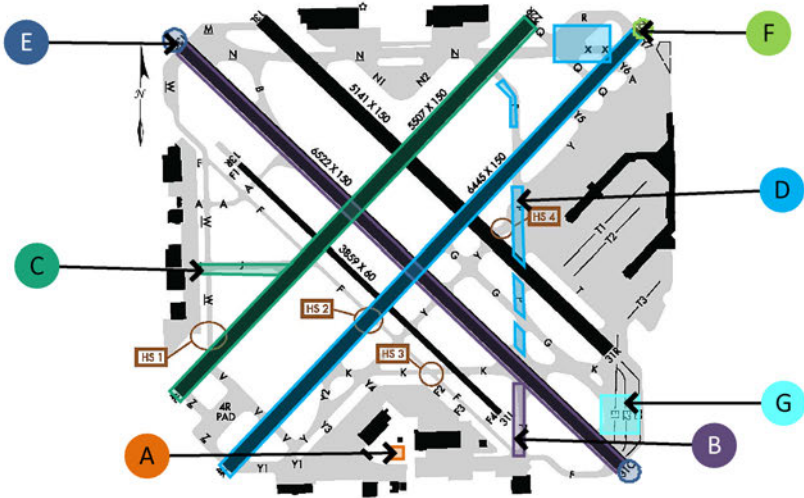
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B	TWY NA	G	G	G	G	G	G	G	G	R	R	R	R																								
C	RWY 15R/33L Closure (daily)	Y																																			

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
B	TWY NA	TWY NA phased closures in conjunction for widening to accommodate ADG VI aircraft. TWY NA closed between TWY NF & TWY NJ. TWY NG closed between RWY 08R/26L & TWY NB. TWY NH closed between RWY 08R/26L & TWY NA. TWY NP runup pad for 26L closed. TWY NB closed between TWY NF & NP to aircraft with wingspans greater than 225 feet except PPR. TWY NA closed between TWY NJ & NP to aircraft with wingspans greater than 171 feet.	January 2022 to Sep 2023 TBD	In Progress	G	RWY 8R/26L will be closed at some point during this project for tie-in taxiways and lighting.
		Estimated three-month closure project to tie-in taxiways and lighting.	06/01/2023 to 09/01/2023	Upcoming	R	Expect single-stream arrivals on the NE and NW corners. The AAR is expected to be reduced from 96-108 in VMC to 72, and from 86-96 in IMC to 56-64. 30+-minute airborne and ESP delays during heavy arrival demand.
C	RWY 15R/33L Closure (daily)	Runway 15R/33L, a primary departure-runway, is closed daily from 0300Z-2200Z (2200L-1700L) for maintenance.	09/25/2022 to 10/16/2022	Complete	Y	Operational Impact: After 1500Z/0900L daily, expect reduced AAR 72 VMC / AAR 64 IMC. In addition, expect single-stream arrivals on the northeast and northwest corners.



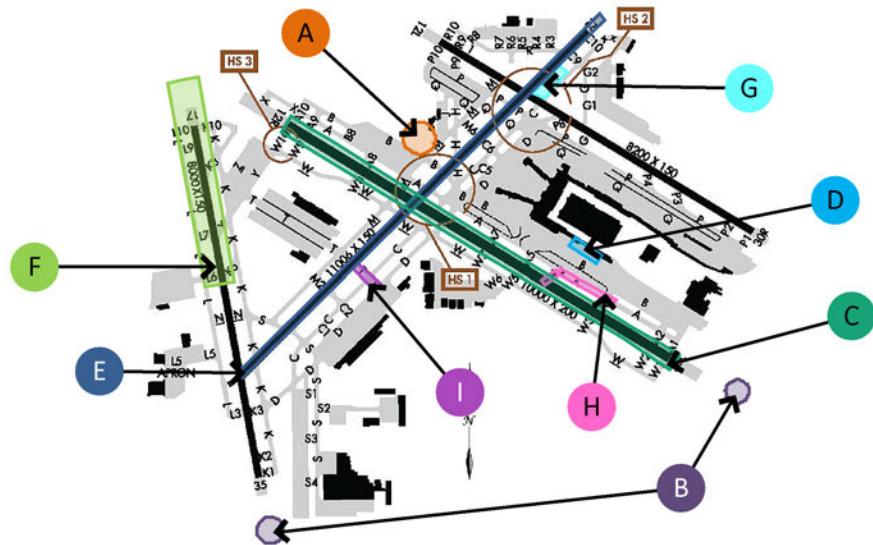
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A	RTR Relocation	G	G	G	G	G	G	G	G	G																											
B	RWY 13C/31C									T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T										
C	RWY 4L/22R & TWY J																												T	T	T	T	T	T	T	T	T
D	RWY 4R/22L & TWY P																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RTR Relocation	Remote Transmitter Receiver (RTR) to be relocated from middle of airfield to GA Apron (southwest corner).	08/29/2022 to Spring 2023 TBD	In Progress	G	The completion includes the removal of old copper cable and future fiber cable installed.
B	RWY 13C/31C	RWY 13C/31C Pavement Rehabilitation.	06/15/2023 to 11/01/2024	Upcoming	T	Currently planned for overnight closures, will have two to three 56-hour closures. Expected to include removal of TWY P between RWY 31C and TWY F.
C	RWY 4L/22R & TWY J	RWY 4L/22R and TWY J Pavement Rehabilitation.	2025 to 2026 TBD	Upcoming	T	RWY 4R/22L rehab may move to 2025 TBD, and RWY 4L/22R rehab may be pushed back one or more years.
D	RWY 4R/22L & TWY P	RWY 4R/22L and TWY P Pavement Rehab.	2026 TBD to 2027 TBD	Upcoming	T	RWY 4R/22L rehab may move to 2025 TBD, and RWY 4L/22R rehab may be pushed back one or more years. A removal of former TWY N between RWY 22L and TWY Q may be undertaken either as part of the 4R/22L rehab, or may occur sooner.



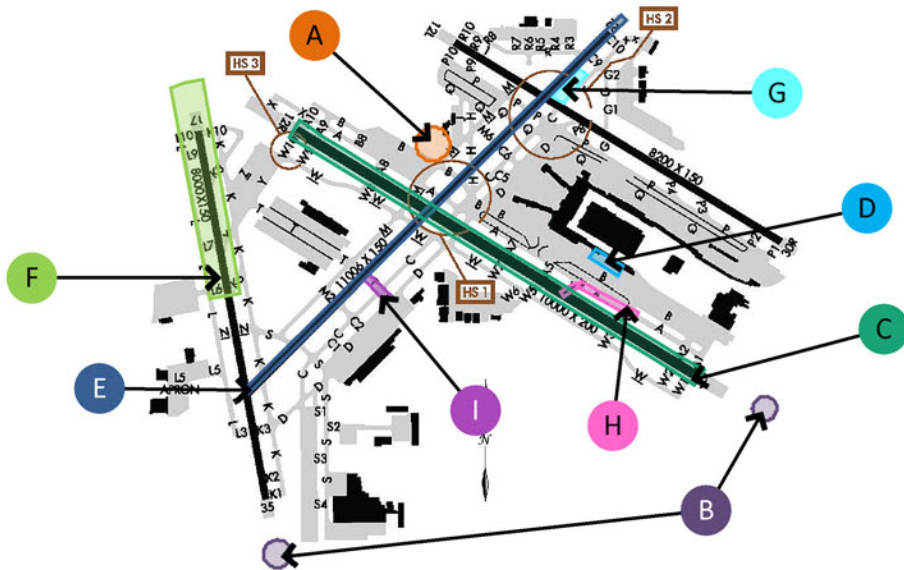
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E	RWY 13C/31C EMAS	T																																					
F	RWY 4R/22L EMAS	T																																					
G	TWYs E1, E2, E3																T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	RWY 13C/31C EMAS	EMAS repairs on both ends and SCC navaid work in RSA.	08/10/2022 to October 2022	Complete	T	
F	RWY 4R/22L EMAS	EMAS repairs and replacement of 8 concrete slabs at 22L end.	08/10/2022 to October 2022	Complete	T	
G	TWYs E1, E2, E3	Reconfiguration from three contiguous taxiways into two discrete taxiways with green space between.	2024 TBD to 2025 TBD	Upcoming	T	<p>Required by FAA Airports/RIM Initiative. This area may require an FAA mandated relocation of the 31C approach zone hold lines (presently designated as ILS lines even though not an ILS critical area), pending outcome of FAA's nationwide study of approach protection zones and procedures.</p> <p>Based on the Chicago Department of Aviation's draft Capital Improvement Plan, this work starts in 2024 and ends in 2025.</p> <p>CDA will introduce an interim design concept by the end of the 2022 calendar year.</p>



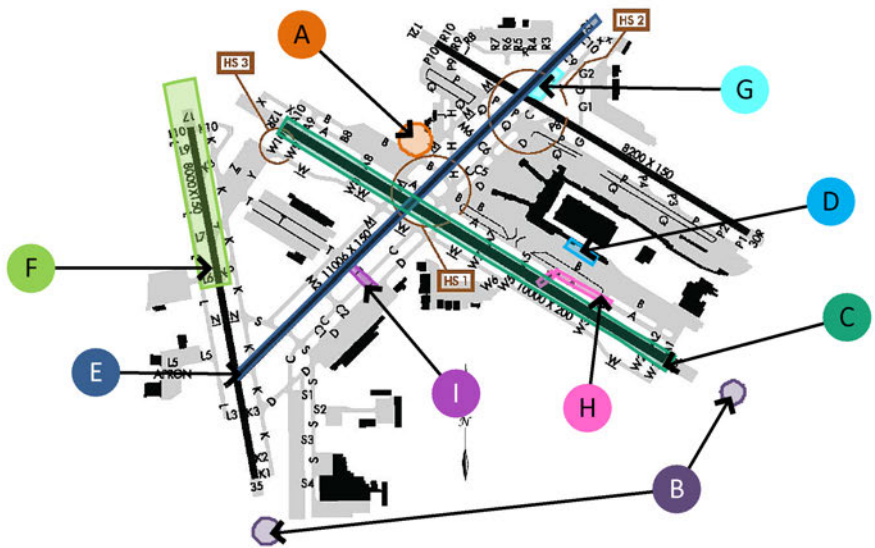
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A	Safety and Security Station (SSC) and New ARFF Station	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G									
B	RWYs 30L & 35 Localizer Platforms							Y	Y	Y																											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Safety and Security Station (SSC) and New ARFF Station	Construction of Safety & Security Station (SSC), includes relocation of Airport Rescue & Fire Fighting (ARFF) station-2.	Aug 2022 TBD to 2024 TBD	In Progress	G	Expecting crane impacts when Phase 1 begins in August 2022. Cranes may impact line-of-sight to the NW of the tower (approach end of RWY 12R). There are also concerns about RTR and Localizer interference. Measures are being taken to relocate RTRs and replace the localizer with a 20-array system which is expected to bolster the frequency strength.
B	RWYs 30L & 35 Localizer Platforms	RWY 30L & 35 Localizer platforms will be replaced.	Spring 2023 TBD	Upcoming	Y	Minimal impact to users without suitable RNAV capability when localizers are OTS. Estimated completion of platform replacement is 3 weeks. RWY 35 Localizer Platform tentatively planned for Spring 2023.



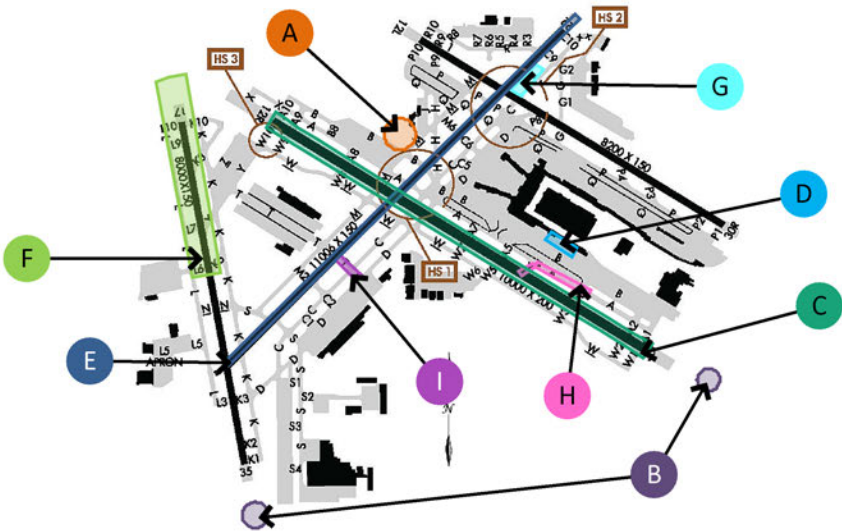
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C	RWY 12R/30L RSA Grading Phases 1 & 2										Y	Y	Y	Y																								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	RWY 12R/30L RSA Grading Phases 1 & 2	<p>RSA Grading to satisfy Part 139 requirements. Runway bituminous shoulder rehabilitation.</p> <p>RWY 4/22 closed for runway use. Segments of the following taxiways closed: 4-22, A8/W8, A9/W9, A10, W10, M</p> <p>TWYs C & D must remain open for taxiing.</p> <p>Segments of the following taxiways closed: A1/W1, A2/W2, A3/W3, A4, A5/W5, W6, A7/W7, C, D</p> <p>RWY 4/22 must remain open for taxiing. TWY M must remain open for taxiing. TWY A5/W5 and TWY A7/W7 must not be closed simultaneously.</p>	07/05/2023 to 10/31/2023	Upcoming	Y	<p>VMC: ARR 12L, DEP 12L/17 = 28-34 AAR, 66 ADR (If departing 17 only or there are no departures, the higher rate could be called since arrival spacing wouldn't be needed on 12L)</p> <p>ARR 30R/35, DEP 30R = 40-48 AAR, 30 ADR (This AAR may be closer to 48 to 50 with no departures, however if we're skipping gaps on one of the runways it would be closer to 40)</p> <p>Low VMC: ARR 12L, DEP 12L/17 = 28-30 AAR, 66 ADR ARR 30R/35, DEP 30R = 40-42 AAR, 30 ADR</p> <p>IMC: ARR 12L, DEP 12L/17 = 24-28 AAR, 66 ADR (This accounts for 2 increasing to 3, calling 5mit/170kts spacing for departures)</p> <p>ARR 30R (RWY 35 NA as CRO requires ceilings of 1700' and 4SM visibility), DEP 30R = 28 AAR, 30 ADR</p>



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D	Partial TWY B and Concourse G Apron Reconstruction	G																																			
E	RWY 4/22 RSA	G																																			
F	RWY 17/35 RSA Grading	Y																																			

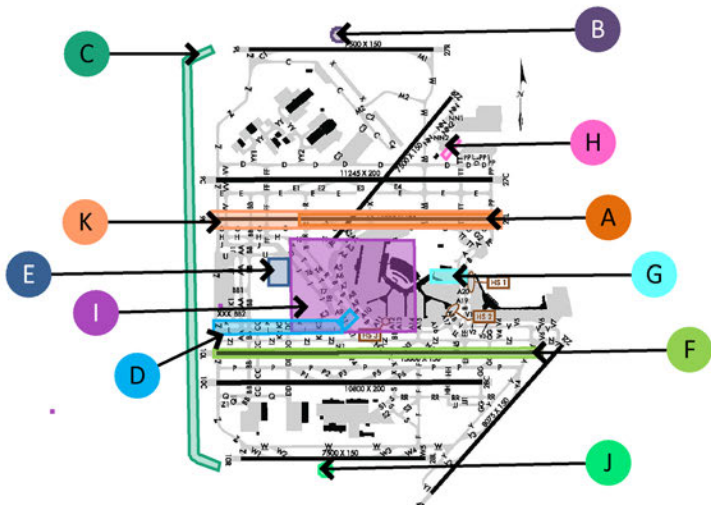
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	Partial TWY B and Concourse G Apron Reconstruction	Taxiway B Reconstruction (Gates G12 – G17)	04/18/2022 to 10/01/2022	Complete	G	Minimal impact to taxi operations and RWY 12R/30L exits near the G Concourse of MSP Terminal 1.
E	RWY 4/22 RSA	RSA Grading along the SW quarter of RWY 4/22.	08/15/2022 to 10/21/2022	Complete	G	RWY 4/22 will be closed for the duration of the project. Reduced capacity and delay impact may occur if in high crosswind conditions. This closure coincides with the closure of RWY 17/35 for RSA grading.
F	RWY 17/35 RSA Grading	Additional RSA Grading for RWY 17/35.	09/06/2022 to 10/21/2022	Complete	Y	RWY 17/35 will be closed. Coordinated with closure of RWY 4/22 for RSA Grading. VMC AAR: 70; LVMC AAR 62; IMC AAR 54; LIMC AAR 48



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G	Miscellaneous Airfield Construction	G	G																																		
H	TWYs A3 & A4	G																																			
I	TWY T Centerline lights	G																																			

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	Miscellaneous Airfield Construction	Grading and drainage improvements to Runway Safety Areas (RSAs), airfield pavement marking modifications, and electrical upgrades to airfield signs and runway guard lights.	05/01/2020 to Nov 2022 TBD	Complete	G	
H	TWYs A3 & A4	TWY A closed between TWY A3 and TWY A4 to aircraft with wingspans greater than 135 feet. TWY A4 closed to aircraft with wingspans greater than 135 feet.	04/21/2022 to 10/01/2022	Complete	G	
I	TWY T Centerline lights	TWY T centerline lights to be replaced in 2022.	09/06/2022 to 10/31/2022	Complete	G	Minimal impact to taxi operations in Cargo Ops area.

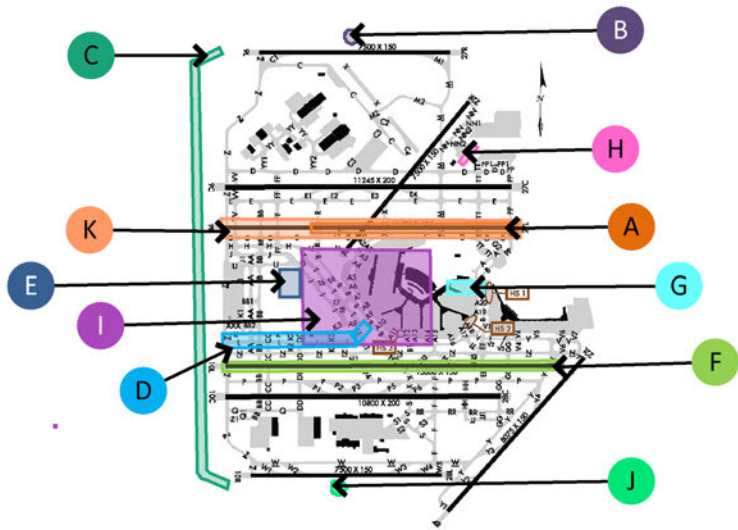
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A	RWY 9R/27L ALS	G	G	G	G	G	G	G	G	G																											
B	North ASDE	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																					
C	Western toll-way bypass	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 9R/27L ALS	Approach Lighting System (ALS) decommissioned due to runway construction. Runway will be closed.	05/01/2017 to Spring 2023 TBD	In Progress	G	ALS to 27L anticipated this Fall 2022. 9R ALS expected Spring 2023. No significant impact however 9R may be unavailable for arrivals during low visibility winter conditions. Not a primary arrival runway, impact minimal. CAT I was published 7/14/2022. CAT II/III burn-in progressing.
B	North ASDE	Construction of a new North ASDE SMR (airport surface detection radar antenna) site.	06/18/2018 to 2023 TBD	In Progress	G	Construction delayed.
C	Western toll-way bypass	Tollway construction along the western airport boundary from Interstate 90 to the north, along S.R.19 connecting to Interstate 294 to the south.	Mar 2022 TBD to 2023 TBD	In Progress	Y	Construction on the northern dogleg section to begin in 2022. This is close to RWY 9L/27R. During construction, cranes will impact approach minimums by increasing decision height (DH). Construction may impact approach minimums, instrument approach NAVAIDs and approach light systems (ASL) for east/west runways.

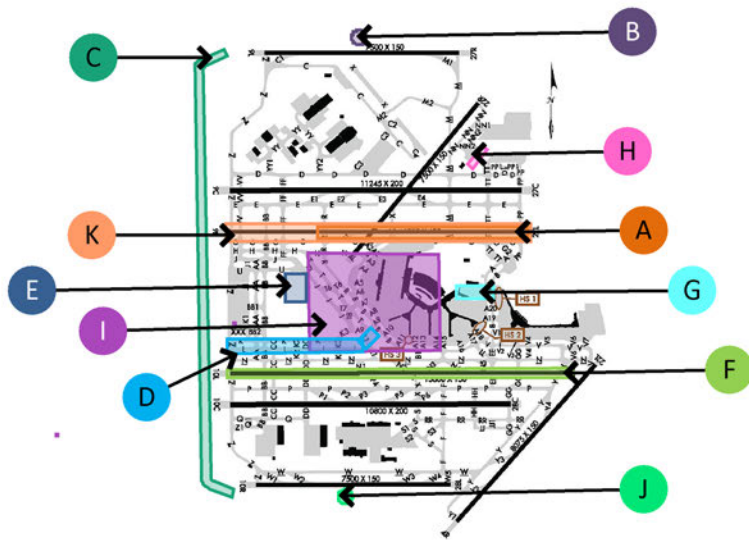
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D	Core TWY Reconstruction	G	G	G	G	G	G	G	G	G					T	T	T	T	T	T	T	T	T	T	T	T	T										
E	FAA Facilities Relocation				T	T	T	T	T	T	T	T	T	T	T	T																					
F	RWY 10L ALSF				G																																

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	Core TWY Reconstruction	Reconstructing TWYs K & L into TWYs A & B.	July 2020 to Q2 2023	In Progress	G	Alternate taxi routes to be utilized during multi-phase construction plan. Currently, TWY L is closed between TWY K3 and TWY B. TWY B closure is scheduled for March 15, 2023. Nightly closures to TWY A9 and TWY K3 upcoming over the next 30-60 days. Reduced capacity and delay impact based on possible construction plans.
		Extension of TWY LL.	Fall 2023 to 2024 TBD	Upcoming	T	Extension of TWY LL to the approach end of RWY 22L. Capacity impacts TBD.
E	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).	2023 TBD	Upcoming	T	Remains on hold. However, CDA and FAA Engineering Services working on designs to maintain a 2023 construction start.
F	RWY 10L ALSF	Additional ALSF infrastructure items for new tollway project.	01/06/2023 to 01/26/2023	Upcoming	G	

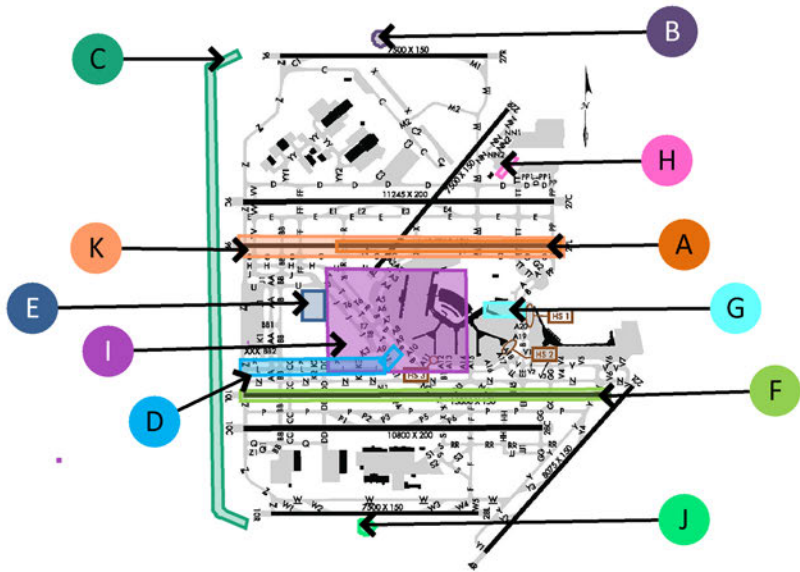
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G	Lima Concourse	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																					
H	NE Cargo Ramp Phase III Construction	G	G	G	G	G	G	G	G	G																											
I	Terminal Area Plan (TAP)				T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
J	South ASDE				T	T	T	T	T	T	T	T	T	T	T	T																					

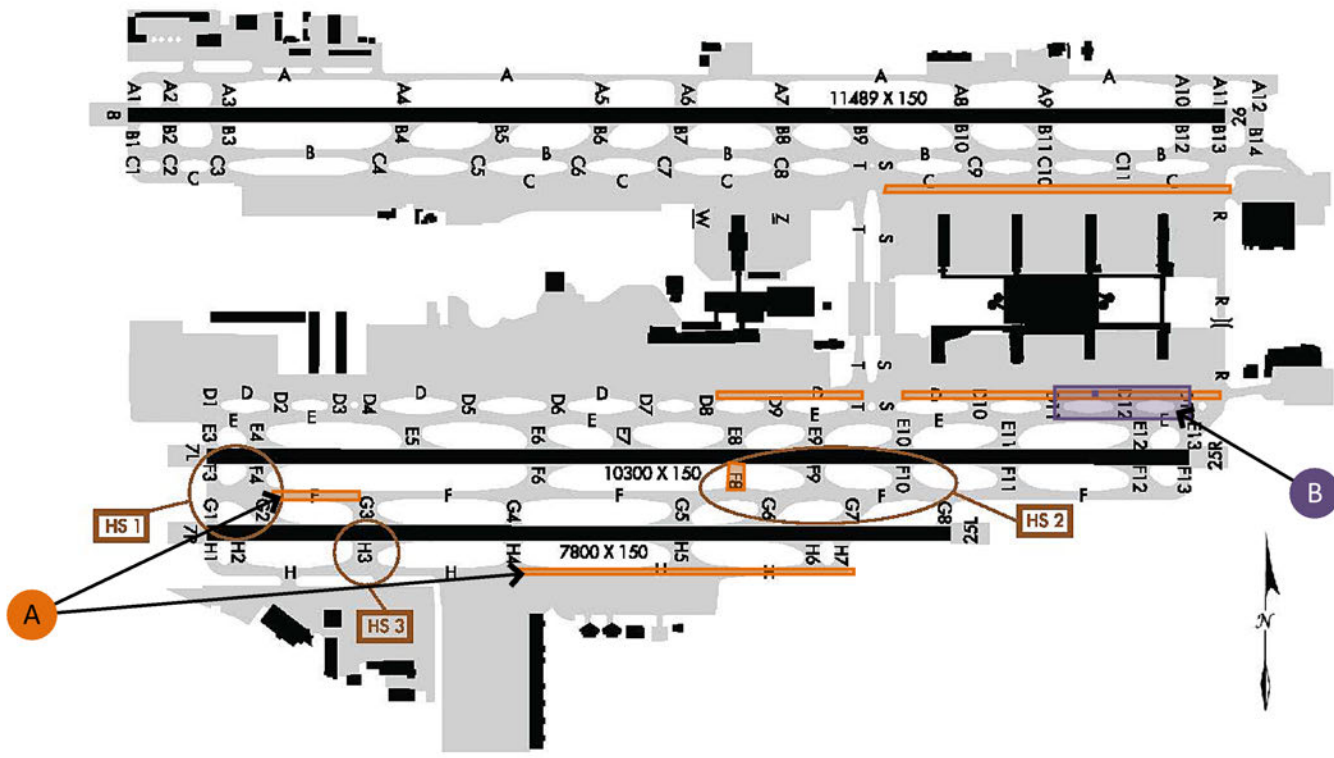
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	Lima Concourse	AAL Lima Concourse expansion.	Winter 2022 to 2023 TBD	In Progress	G	Construction of additional "Lima" gates. Awaiting utility infrastructure work.
H	NE Cargo Ramp Phase III Construction	Construction of additional cargo facilities along with an additional taxilane (NN2).	Summer 2022 to Spring 2023	In Progress	G	Completion has been extended. The impact of the strike still exists in terms of obtaining material needed to complete construction.
I	Terminal Area Plan (TAP)	Terminal areas redevelopment and construction.	2023 TBD to 2028 TBD	Upcoming	T	Multi-year phased projects. Taxiway closures may change taxi routes and increase taxi in/out times during construction.
J	South ASDE	Construction of a new South ASDE SMR (airport surface detection radar antenna) site.	2023 TBD	Upcoming	T	Construction delayed.

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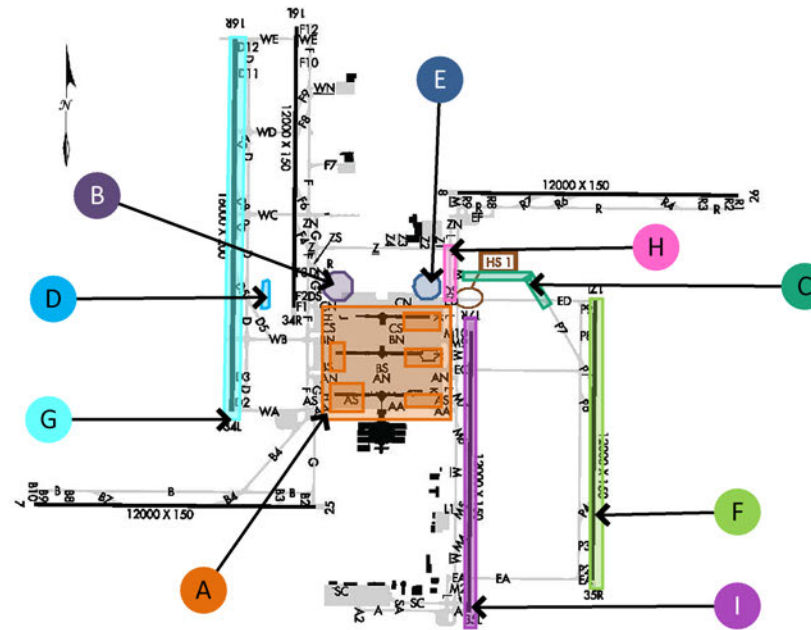
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K	RWY 9R/27L Grading	G	G	G																																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
K	RWY 9R/27L Grading	A 60-day closure of runway 9R/27L to address pre-existing infield grading issues.	08/15/2022 to 2022 TBD	Complete	G	Grading on the 9R approach end is complete.

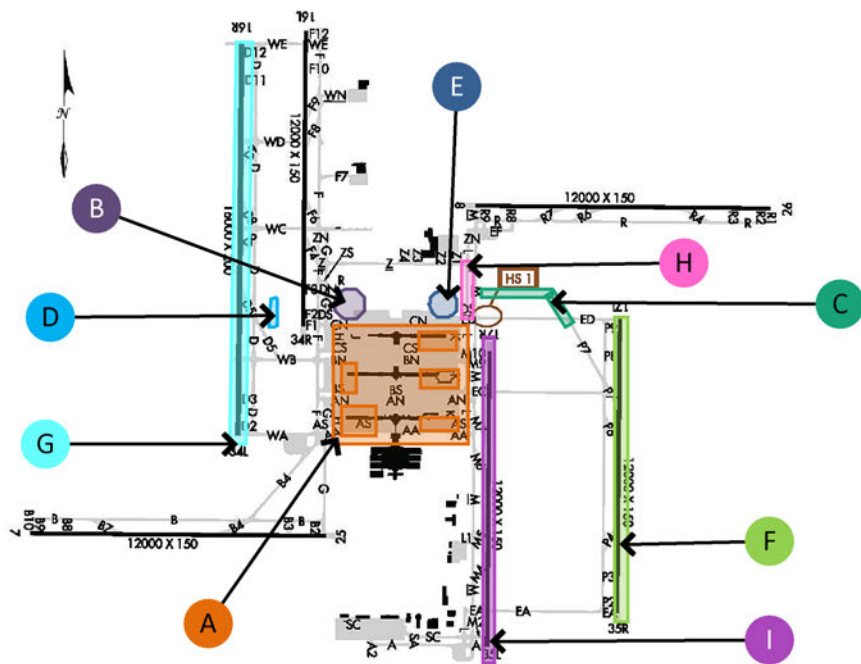


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A	TWYs C, D, F, F8 and H Restricted	G	G	G	G																																
B	TWY D10	G	G	G																																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWYs C, D, F, F8 and H Restricted	TWY C closed between TWY S and TWY R, TWY H closed between TWY H4 and TWY H7 to aircraft with wingspans greater than 171 feet. TWY F8 closed to aircraft exiting RWY 07L/25.	01/01/2022 to 01/01/2023	In Progress	G	TWY D closed between TWY D8 and TWY T, TWY D closed between TWY S and TWY R, TWY F closed between TWY G2 and TWY G3 to aircraft with wingspans greater than 135 feet.
B	TWY D10	TWY D closing nightly for storm drain replacement. TWY D closures are between TWY D10 to TWY R.	04/03/2022 to 12/27/2022	Complete	G	Currently working on trench drain between D12 and D13. Will finish and move to work between D11 and D12 from Dec 6-30.

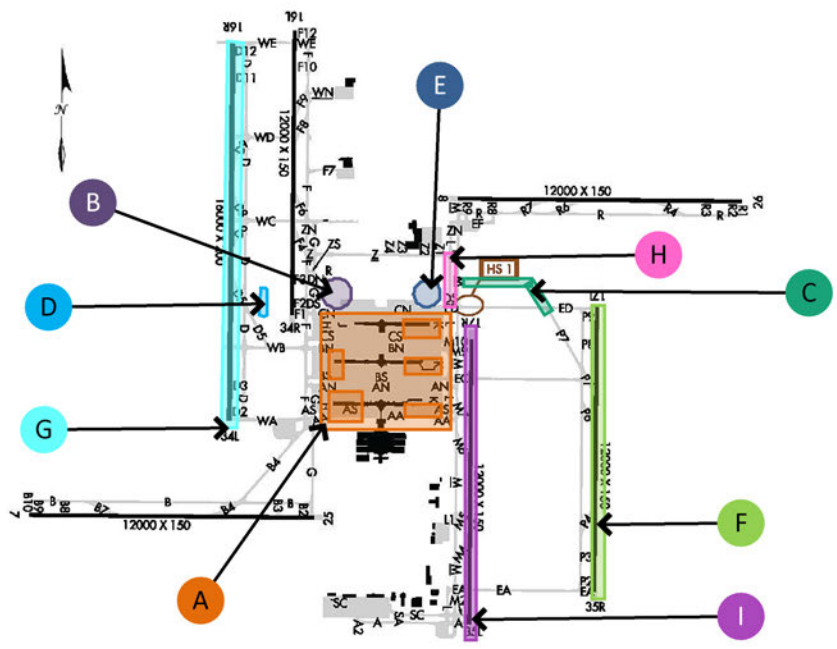
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminals A, B, & C	Ramp and Apron Construction for Terminals A, B, and C expansion and redevelopment: Concourse A - 12 new gates (complete by June 2023) Concourse B - 11 new gates (completed) Concourse C - 16 new gates (completed)	05/10/2018 to 2023 TBD	In Progress	G	Ramp and apron construction coinciding with the concourse expansion plan. Expecting increased taxi times. New gates will increase gate capacity by 30%.
B	West Deice Pad Expansion	Expansion of DS West deicing pads to increase capacity.	Summer 2021 to 01/31/2023	In Progress	G	
C	TWY EE	Construction of new TWY EE. This taxiway will extend from TWY M to an extended TWY P7.	02/23/2022 to 10/20/2023	In Progress	G	



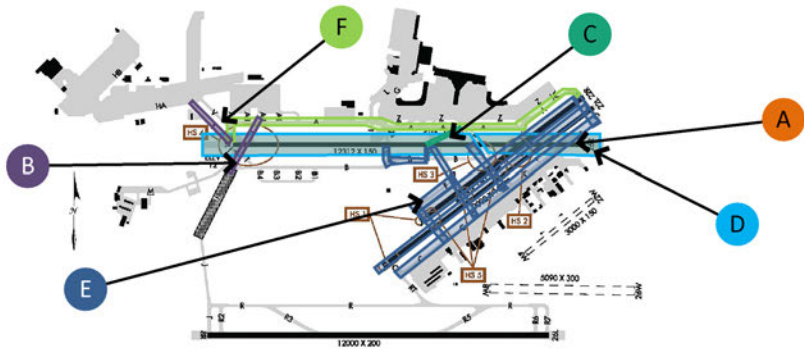
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D	West Gates DIW Pond				G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																		
E	East Deice Pad Expansion									G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G									
F	RWY 17L/35R Rehabilitation									Y	Y	Y	Y	Y																							

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	West Gates DIW Pond	West Gates DIW Pond construction. Construction of new ponds to collect, store, and treat storm water runoff and expended deicing fluid.	01/01/2023 to 03/31/2024	Upcoming	G	
E	East Deice Pad Expansion	Expansion of DS East deicing pad to increase capacity.	06/01/2023 to 12/31/2024	Upcoming	G	
F	RWY 17L/35R Rehabilitation	Rehabilitation of RWY 17L/35R planned for Summer 2023.	06/01/2023 to 10/01/2023	Upcoming	Y	



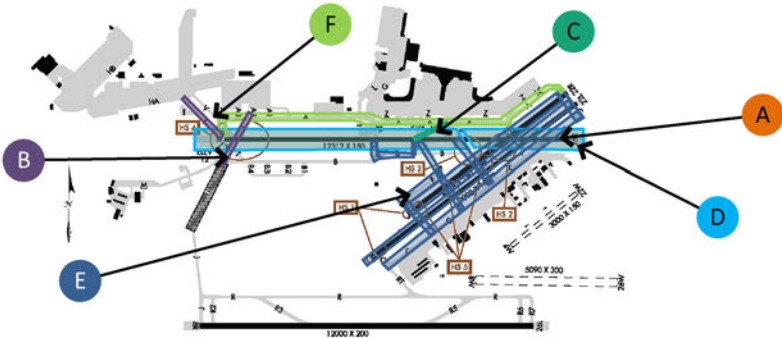
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G	RWY 16R/34L Rehab	Y																																			
H	TWY L (DS to Z)	G																																			
I	RWY 17R/35L Rehabilitation																					Y	Y	Y	Y	Y											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	RWY 16R/34L Rehab	Rehabilitation of RWY 16R/34L planned for Summer 2022.	06/03/2022 to 10/03/2022	Complete	Y	Rates may be reduced due to runway closure. May go from a 3-runway rate to a 2-runway rate.
H	TWY L (DS to Z)	TWY L closed between TWYs DS and Z.	08/01/2022 to 10/31/2022	Complete	G	
I	RWY 17R/35L Rehabilitation	Rehabilitation of RWY 17R/35L planned for Summer 2024.	06/01/2024 to 10/01/2024	Upcoming	Y	



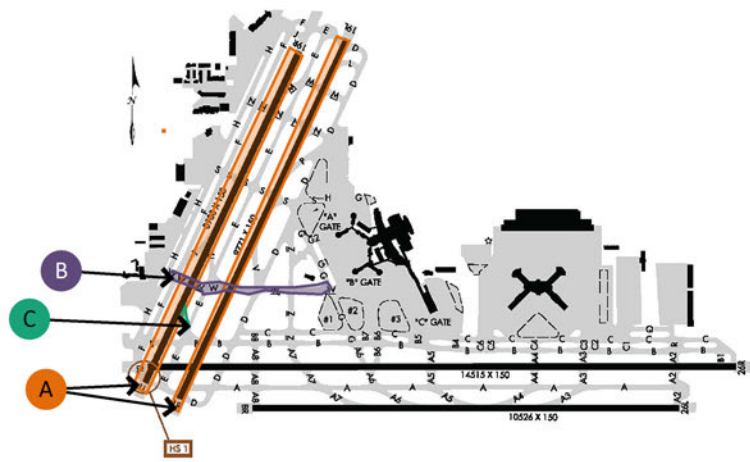
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A	RWY 8L/26R	Y	Y	Y	Y	Y	Y										T	T	T	T	T	T	T	T	T	T	T										

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 8L/26R	Phase 1 will shorten RWY 26R by 3200' for east-end work. RWY 8L/26R will be widened from 150 to 200 feet. Phase 1 (East phase) will lasts approximately three (3) months. Phase 2 (center and west-end phase) runway closures. Stage 2 (west-end phase closure) will last 120 days with a shortened runway configuration (departures allowed from TWY L).	10/03/2022 to 02/01/2023 TBD	In Progress	Y	Stage 4-9 (TWY V/T and A/8L threshold) will require a shortened runway with departures allowed 24/7 from TWY J and arrivals from 0700 to 1700 and will last 195 days. West and center stages of RWY 8L require full closures resulting in lower AARs. TMIs will be in place for arrivals during peak periods (0900-1500 HST), miles-in-trail (MIT), and/or call for release may be implemented. Expecting arrival/departure delays 15 minutes. Expect delays for RWY 8R. Possible delays for RWYs 22L/26L, for RWY 22L departures due to RWY 26L arrivals. Increased taxi times for aircraft requesting RWY 26L departure.
		Stage 3 (center portion of runway) will require a full runway closure and will last 30 days.	02/02/2023 TBD to 03/05/2023 TBD	Upcoming	Y	Expecting arrival/departure delays 15 minutes. Expect delays for RWY 8R. Possible delays for RWYs 22L/26L, for RWY 22L departures due to RWY 26L arrivals. Increased taxi times for aircraft requesting RWY 26L departure.
		Phase 3 (stages 3-9) should be complete by 2024. Stage 4-9 (TWY V/T and A/8L threshold) will require a shortened runway with departures allowed 24/7 from TWY J and arrivals from 0700 to 1700 and will last 195 days. Stage 10 – 12 (nightly closures) for final marking and grooving will last 50 days.	2024 TBD	Upcoming	T	



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	Project	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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
B	TWYs T and J closures	T	T	T	T	T																															
C	TWY Y closure		T	T	T																																
D	RWY 8L/26R - Phase 3					T	T																														
E	TWY/RWY Shoulder Rehab					Y	Y	Y	Y	Y	Y	Y	Y																								
F	TWY A Realignment																T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	

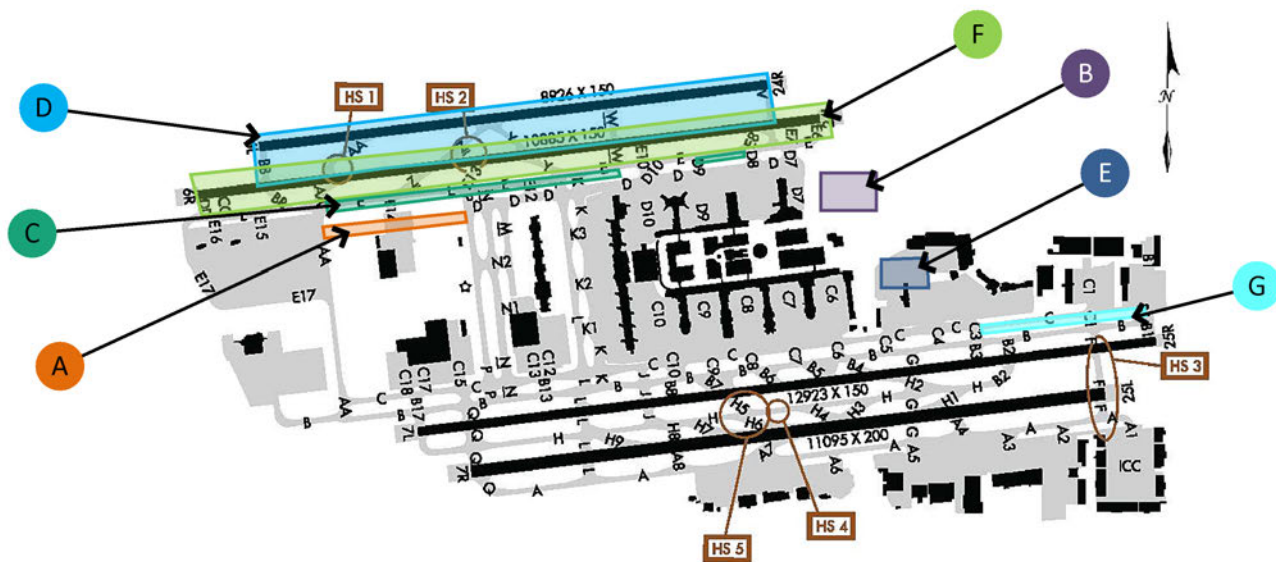
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
B	TWYs T and J closures	TWY T closed between Hickam Air Force Base (AFB) and TWY B. TWY J closed between TWYs A and B.	10/04/2022 to 02/01/2023	In Progress	T	
C	TWY Y closure	TWY Y closed between RWY 8L/26R and TWY A.	11/12/2022 to 01/31/2023	In Progress	T	
D	RWY 8L/26R - Phase 3	RWY 8L closed.	02/01/2023 to 03/04/2023	Upcoming	T	
E	TWY/RWY Shoulder Rehab	Rehabilitate and correct RWY and TWY shoulders per Part 139 inspection.	Feb 2023 TBD to Sep 2023 TBD	Upcoming	Y	Cannot start till RWY 8L Phase 2 complete. Most of work occurs near RWYs 4L/22R & 4R/22L.
F	TWY A Realignment	TWY A realignment. Estimated start of construction is 2024.	2024 TBD to 2028 TBD	Upcoming	T	Taxiway reconfigurations based on HNL geometry study completed May 2018.



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	Project	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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
A	RWYs 1L/19R & 1R/19L rehab	Y	Y	Y	Y	Y		Y	Y	Y	Y																										
B	TWY W Closure				Y	Y																															
C	TWY Y Closure						Y	Y																													

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWYs 1L/19R & 1R/19L rehab	Runway rehabilitation projects planned for associated runway closures.	10/31/2022 to Feb 2023 TBD	In Progress	Y	Current Construction Phasing Plan shows an overall duration of 332 calendar days for the entire project, which includes RIM work on taxiways. The project will affect both runways. RWY 1L/19R is expected to be affected before RWY 1R/19L, and closed for approximately 59 days. RWY 1R/19L is expected to be closed for 45 days.
		RWY 1L/19R Rehab. Joint Seal Replacement and Runway Take Back project.	04/14/2023 to 06/12/2023	Upcoming	Y	
		RWY 1R/19L Rehab. Joint Seal Replacement and RSA.	06/12/2023 to 07/27/2023	Upcoming	Y	The RSA portion of work runs 07/18/2023-07/27/2023. Will impact operations on RWY 26R/8L.
B	TWY W Closure	Included as part of RWY 1R/19L RSA construction.	01/29/2023 to 02/12/2023	Upcoming	Y	Construction will impact RWY 1R/19L.
C	TWY Y Closure	Included as part of the RWY 1R/19L RSA work.	03/30/2023 to 04/13/2023	Upcoming	Y	Construction will impact RWY 1R/19L. TBD

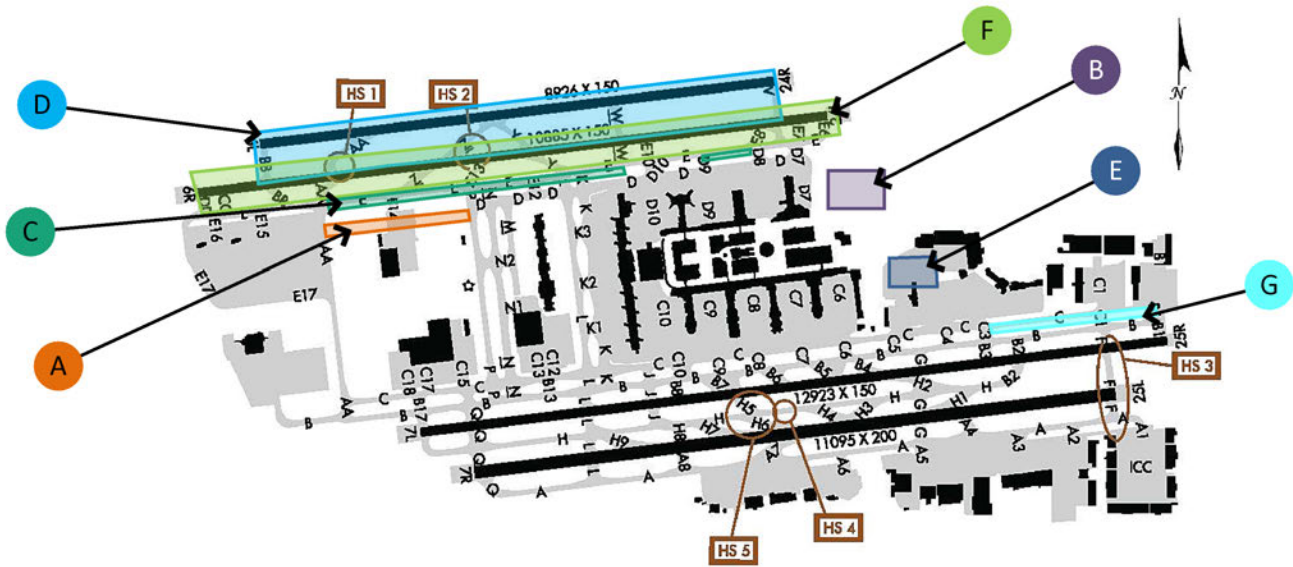
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A	TWY D Extension & TWYs				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																
B	Terminal 0				G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G										

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY D Extension & TWYs	<p>TWY D extension from TWY P to TWY AA. Includes associated new taxiway (W/V) tie-ins to TWY D from TWY E.</p> <p>TWY AA at TWY E will be restricted to ADG-III and smaller for 75 days starting April 2023.</p> <p>TWY D construction west from TWY AA to TWY E17 will provide a second full taxiway for RWY 6R/24L.</p>	01/01/2023 to 06/01/2024	Upcoming	Y	<p>Longer taxi route expected for aircraft landing and parking on north complex. Mobilization January 2023. Construction to start November 2022.</p> <p>Aircraft landing RWY 24R may require back-taxi on RWY 24L during TWY AA closure.</p> <p>TBD: The completion of TWY D to E17 will start after the Terminal 0 and Terminal 9 projects are complete.</p>
B	Terminal 0	New Terminal Gates east of Terminal One. Possibly SWA gates.	2023 TBD to 2024 TBD	Upcoming	G	<p>FAA working with LAWA to finalize schedule and duration. Work anticipated to begin early FY 23.</p> <p>Includes extensions of TWYs D and E. Possible crane effects during construction.</p>

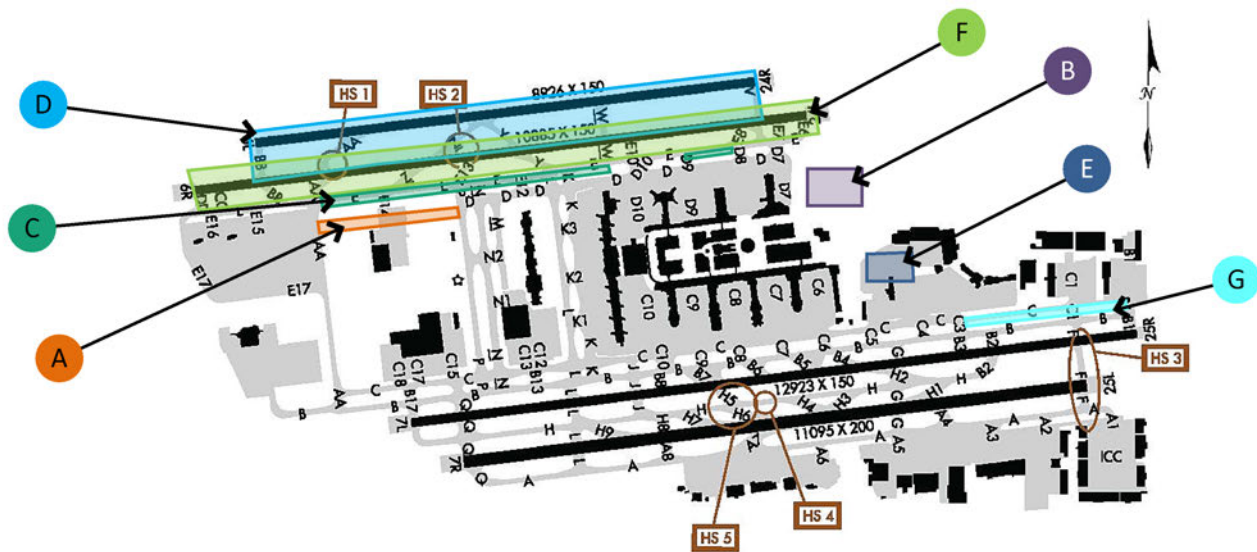
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C	TWY E									Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y									
D	RWY 6L/24R & Exit Taxiways												R	R	R	R																					

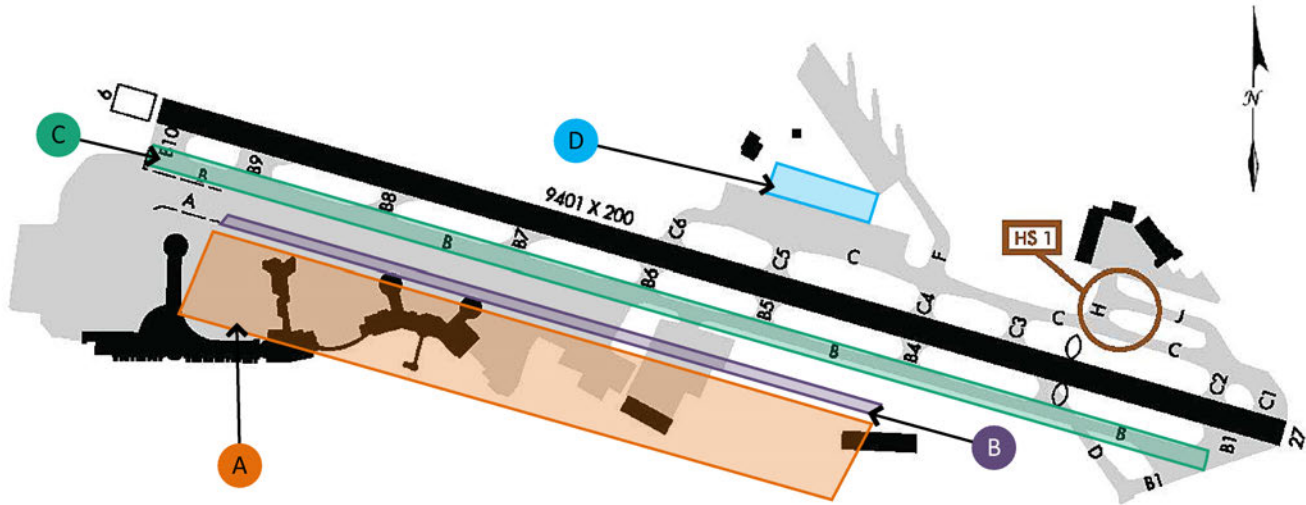
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY E	Tie-In Work - East TWY E closed between TWYs K & W Tie-In Work - West TWY E closed between TWYs K & AA Tie-In Work - East TWY E closed between TWYs D9 & E8	June 2023 to December 2024	Upcoming	Y	Tie-In of New TWY U from RWY 6R/24L Will restrict movement of ADG-VI aircraft and may affect LAX Over Ocean Operations (Noise Abatement) Tie-In of New TWY W and V from RWY 6R/24L June 2024-October 2024 Tie-In of New TWY S from RWY 6R/24L Will restrict movement of ADG-VI aircraft and may affect LAX Over Ocean Operations (Noise Abatement) October 2024-December 2024.
D	RWY 6L/24R & Exit Taxiways	RWY 6L/24R closure to support new exit taxiway construction. Runway work will include 7,100 feet of milling concrete and an asphalt overlay.	09/01/2023 TBD to 12/01/2023	Upcoming	R	January 2023 - Mobilization for North Exit RWYs/TWYs. Construction will lasts from mid-September 2023 to the end of December 2023. (Single CAT II/III RWY)

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E	Terminal 9				G	G	G	G	G	G	G	G	G	G	G	G																					
F	RWY 6R/24L Rehab & Exit Taxiways																R	R	R	R	R	T	T	T	T	T	T	T									
G	TWY C Closure (C3 to B1)																G	G	G	G	G	G	G	G	G	G	G	G									

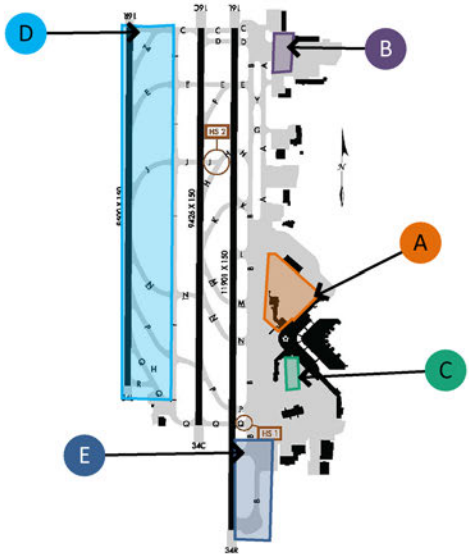
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	Terminal 9	New Terminal Gates between C5 and C4. Possibly UAL gates.	2023 TBD	Upcoming	G	Includes extensions of TWYs C. Possible crane effects during construction.
F	RWY 6R/24L Rehab & Exit Taxiways	RWY 6R/24L closure to support new exit taxiway construction. Runway work will include 3,400 feet of concrete (PCC) west of TWY V to the new TWY U.	01/01/2024 to May 2024 TBD	Upcoming	R	Dates are tentative.
		Mobilization for North Exit taxiways planned for 2024, which closes RWY 24R. Includes TWY E Tie-In work East and West.	Jun 2024 TBD to 2024 TBD	Upcoming	T	Dates are tentative.
G	TWY C Closure (C3 to B1)	TWY C (new construction) from C3 to B1	2024 TBD	Upcoming	G	Design 2023-2024



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	Project	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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
A	Terminal Replacement	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
B	Hydrant Fuel Lines	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
C	TWY B Realignment												G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G								
D	New Cargo Facility															T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminal Replacement	Airport will replace passenger terminals.	06/01/2022 to October 2027	In Progress	G	Gates will be added before legacy gates are demolished. Phase 1A consists of 19 new gates. Gates 1–5 will be nonoperational during construction.
B	Hydrant Fuel Lines	Installation of new hydrant fuel lines to New Terminal 1 and continuing to Terminal 2 West end.	August 2022 to September 2027	In Progress	G	Two to three gates unavailable during project as in-ground fuel lines are installed at Terminal 2.
C	TWY B Realignment	TWY B realignment south to allow for required runway separation as well as some geometry changes.	September 2023 to February 2025	Upcoming	G	ILS communication fiber lines will be impacted, a reroute is in design.
D	New Cargo Facility	Planned cargo facility at current transient aircraft parking location is being relocated due to line-of-sight issues with ATC. New structure is in prelim planning, should not pose any ATC issues.	Q1 2024 to 12/01/2025	Upcoming	T	Planned cargo facility to consolidate and improve efficiency of operations. Facility will require shift of adjacent taxiway and taxilane to meet airfield design requirements.

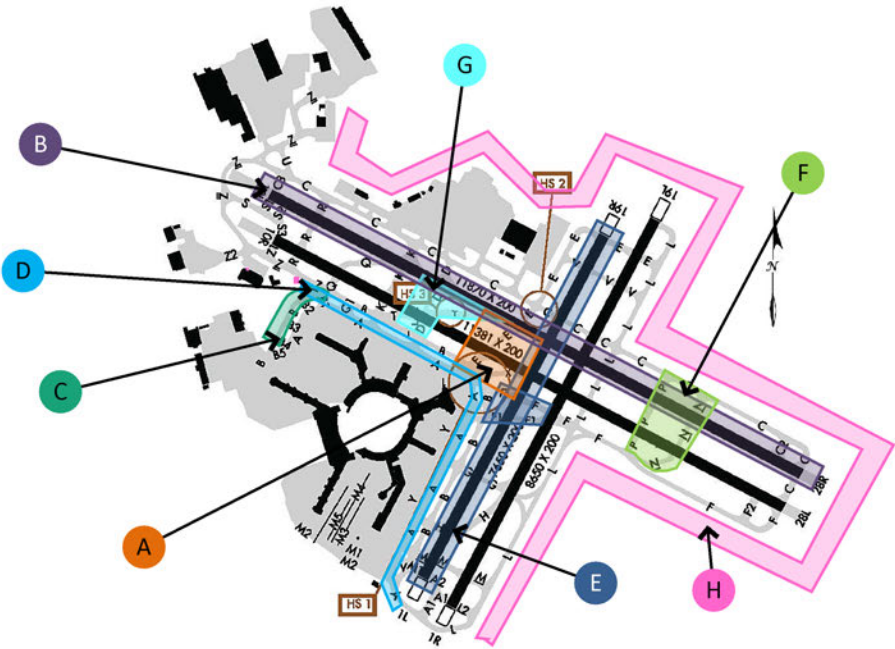
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A	North Ramp Rehabilitation	G	G																																		
B	Cargo 2	G																																			
C	South Ramp							T	T	T	T	T	T	T	T	T																					
D	RWY 16R/34L & TWYs																T	T	T	T	T	T	T	T	T	T	T	T									
E	TWYs A/B Extension																												T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	North Ramp Rehabilitation	Phase 2- Concourse C, D, and North-ramp rehabilitation.	09/08/2022 to 11/23/2022	Complete	G	
B	Cargo 2	Replace 4,200 SY of PCCP apron at Cargo 2 including associated drainage and incidental ACP.	09/16/2022 to 10/31/2022	Complete	G	
C	South Ramp	South ramp construction	04/10/2023 to 12/01/2023	Upcoming	T	
D	RWY 16R/34L & TWYs	RWY 16R/34L and associated taxiways closed for rehabilitation.	2024 TBD	Upcoming	T	
E	TWYs A/B Extension	South end reconstruction/extension of TWYs A/B.	2025 TBD	Upcoming	T	Expecting impacts to the ILS glide slope.

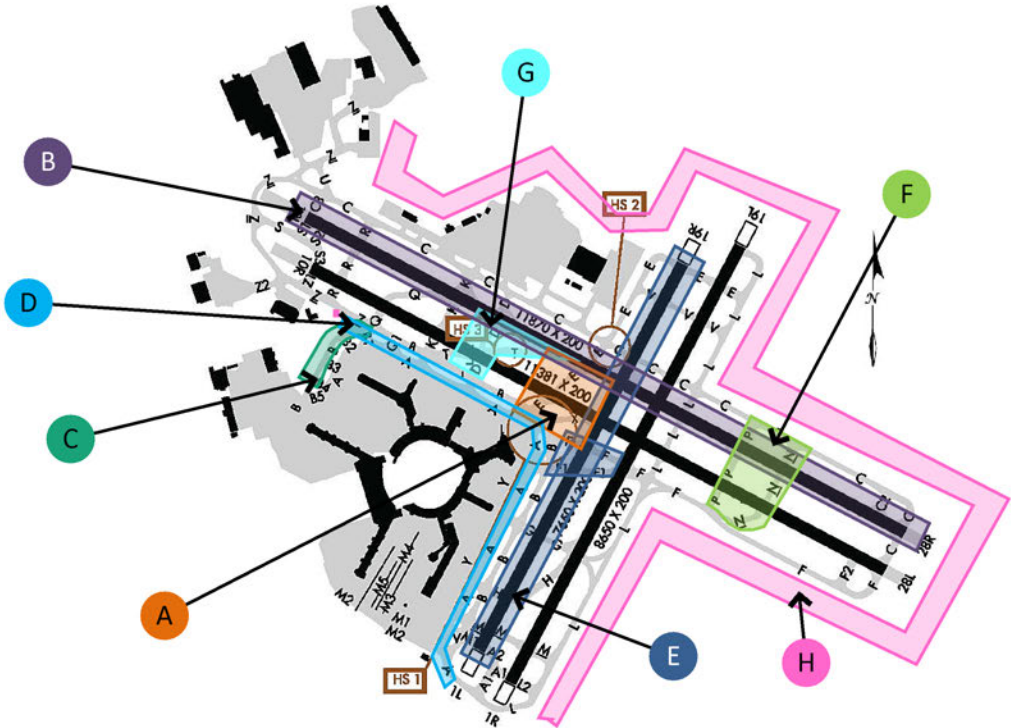
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	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
A	TWYs E & J				T	T	T	T	T	T	T	T	T	T	T																						
B	RWY 10L/28R Lighting				T	T	T	T	T	T	T	T	T	T	T																						
C	TWYs B1-B4				G	G	G	G	G	G	G	G	G	G	G																						
D	TWY A				G	G	G	G	G	G	G	G	G	G	G																						

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWYs E & J	TWYs E & J reconstruction.	2023 TBD	Upcoming	T	Determination to proceed is still unknown. Future project, exact dates unknown.
B	RWY 10L/28R Lighting	RWY 10L/28R closed for new lighting cable.	2023 TBD	Upcoming	T	
C	TWYs B1-B4	TWYs B1 to B4 closed for rehabilitation.	2023 TBD	Upcoming	G	Determination to proceed is still unknown.
D	TWY A	TWY A reconstruction.	2023 TBD	Upcoming	G	Determination to proceed is still unknown.

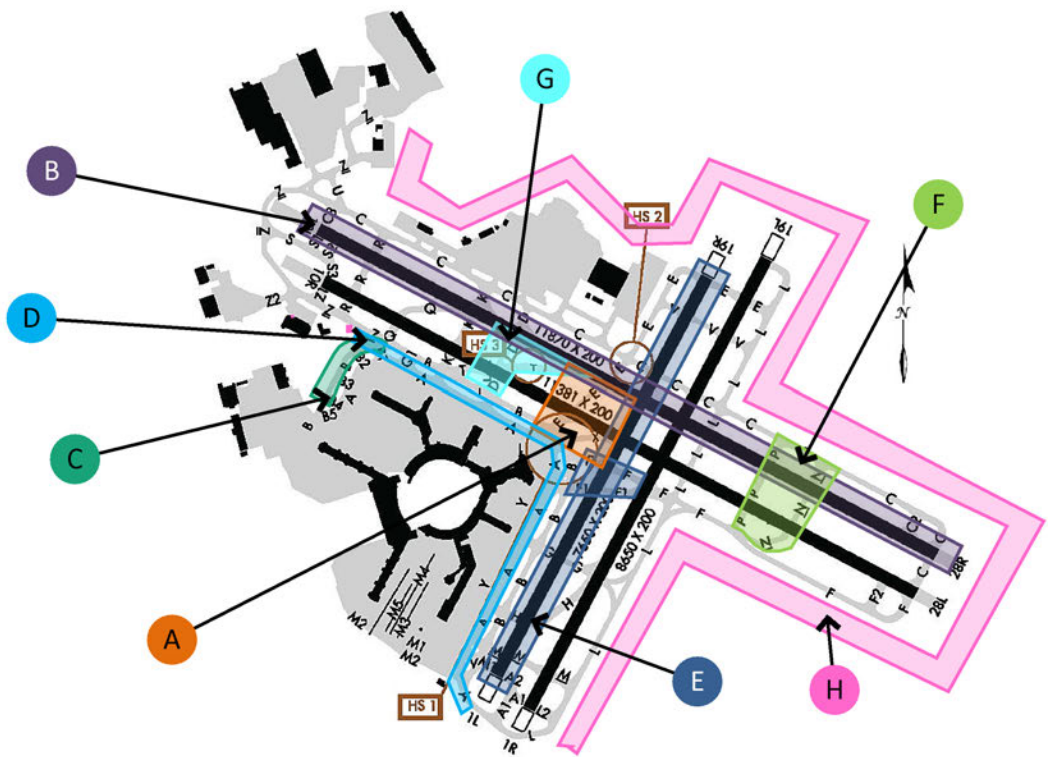
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	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
E	RWY 1L/19R							T	T																													
F	TWYs F, N, & P																			T	T	T																

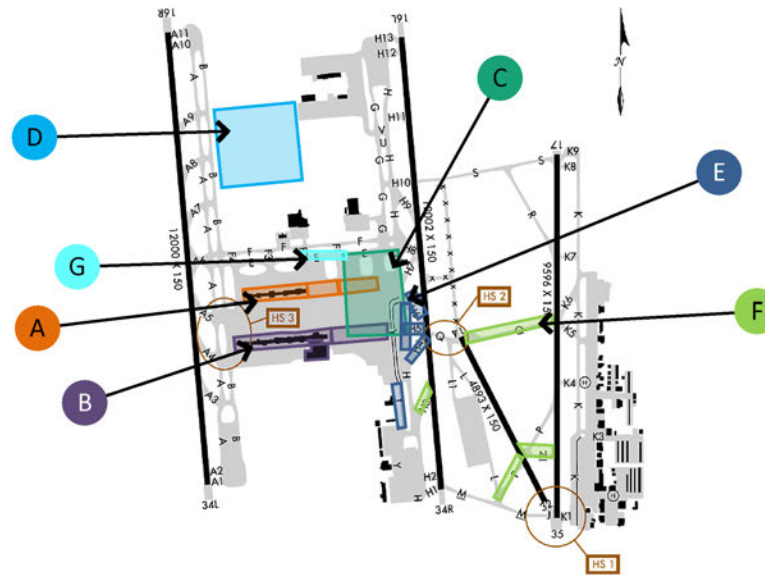
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	RWY 1L/19R	RWY 1L/19R closed for rehabilitation.	Spring 2023 to 05/31/2023	Upcoming	T	Repaving runway. Impact will be closure of RWYs 1L & 1R. NPT comment: This project may be pulled in. Closure of 1L/19R primarily. 1R will close for haul route. Can be reopened if 19L needed. TWY B closure and impact. Plan is to operate on a 28/28 Right Turn configuration for the entire project.
F	TWYs F, N, & P	TWYs F, N, & P reconstruction.	Spring 2024 TBD	Upcoming	T	Determination to proceed is still unknown.

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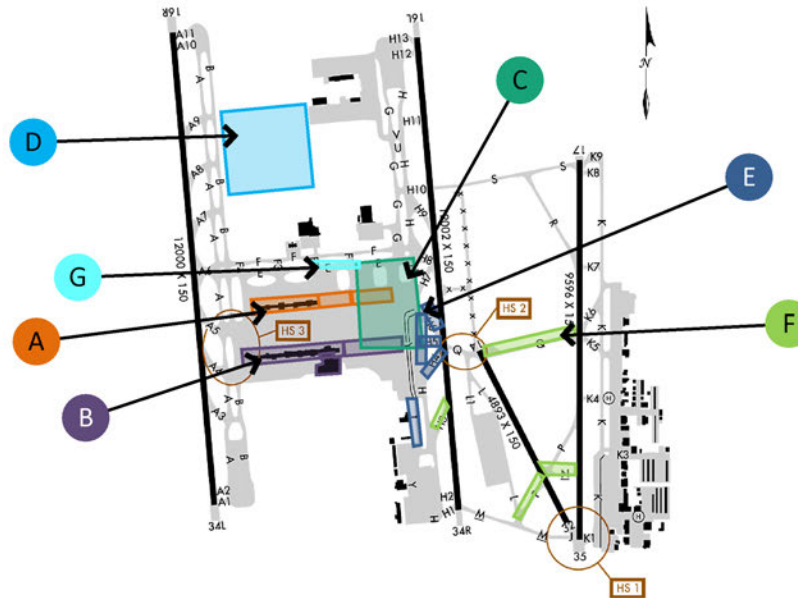


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	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
G	TWYs D & T												R	R	R	R																					
H	Shoreline Protection Project																													Y	Y	Y	Y	Y	Y	Y	Y

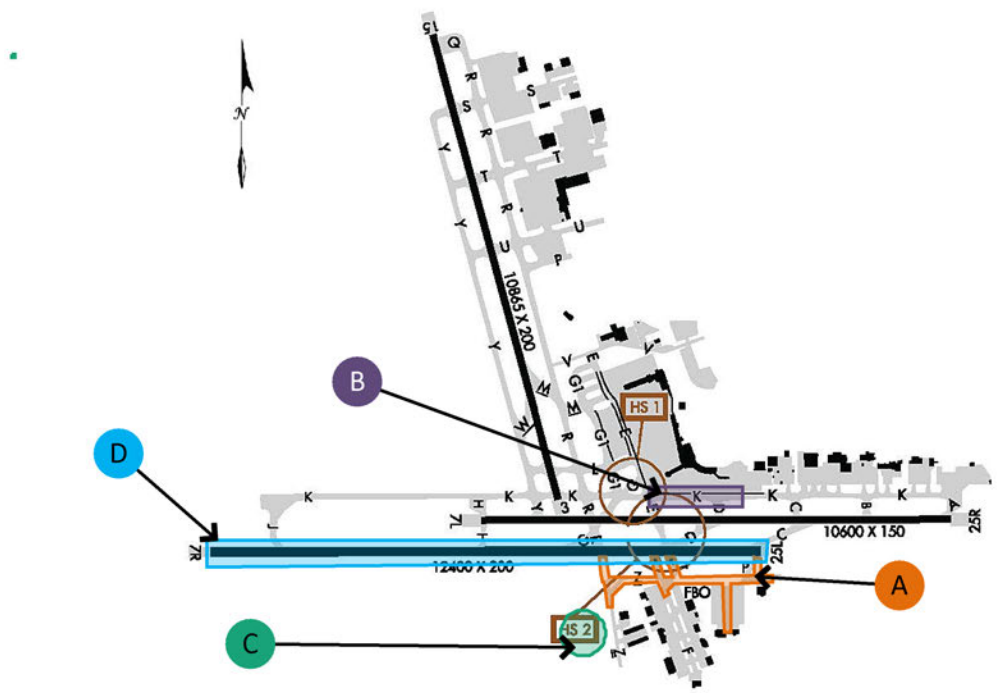
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	TWYs D & T	TWYs D/T closed for realignment, runway incursion mitigation (RIM) program.	09/01/2023 TBD to 12/01/2023	Upcoming	R	Multi-phased project to realign taxiways in order to rectify deficiencies with the existing geometry. Separate RWYs 28L & 28R closures; dates and duration TBD. Expect increased surface congestion on TWY E. Dates are Fall 2023.
H	Shoreline Protection Project	Increasing the sea wall around the entire airport.	2025 TBD to 2028 TBD	Upcoming	Y	This is a long term project that will have significant impact on the Airport. The Tower has asked for a briefing for the District. NCT and ZOA. Expect that briefing early next year.

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	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) done. Second phase to open in 2023/24.
B	South Terminal	South terminal concourse and apron redevelopment. Second phase: 22 gates. Demolition of existing three terminals.	June 2017 to 2024 TBD	In Progress	🟢	Terminal redevelopment program. New concourses will accommodate larger planes, including doubling international capable gates to six. 78 gates will have jet bridges. Second phase (East) opening 2024.
C	TWYs G & H / Terminal Area Project	Work done on TWYs G & H to reconstruct pavement and lighting to tie into the new terminal apron area.	April 2021 to 2024 TBD	In Progress	🟢	TWYs G & H is completed. The apron pavement work will continue through 2024.
D	North Cargo Apron Expansion	Expansion of the North Cargo Apron to increase capacity.	08/01/2021 to 06/30/2023	In Progress	🟢	Outside of active movement areas, except when tied into TWY B, which will be a minimal time.

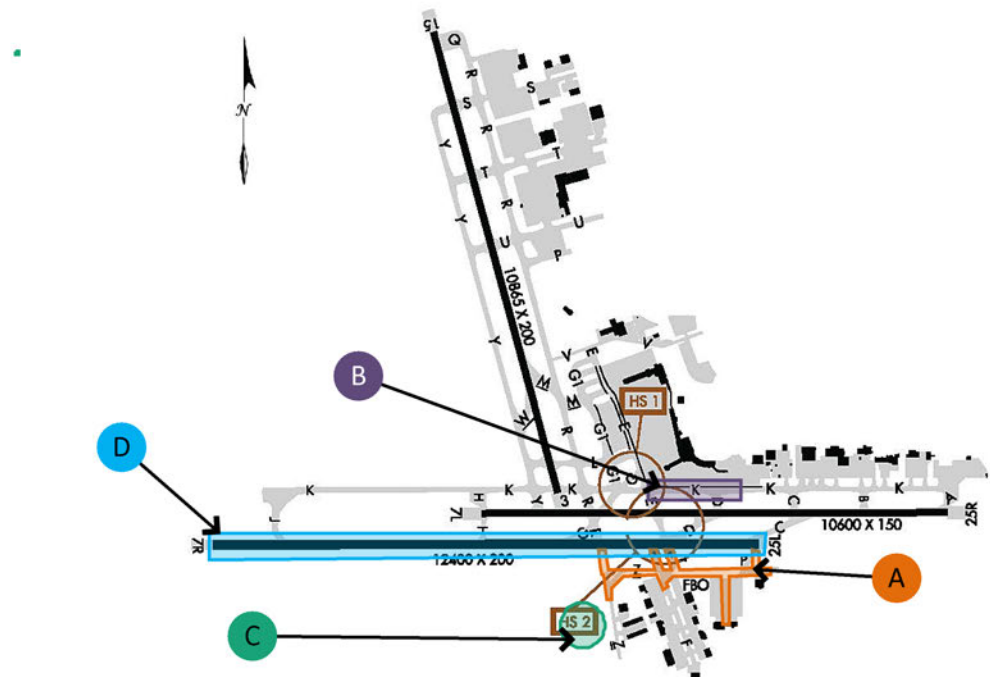
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	TWYs H4-H6, TWY Y	TWY H5 closed. TWY H closed between TWY H6 and H4. TWY Y closed between TWY H6 and H4 to aircraft with wingspans greater than 168 feet. TWY H4 closed between TWY Y and TWY Y.	04/13/2022 to 10/15/2022	Complete	G	TWY Y restricted May 19- Oct. 15, 2022. Expected reduced capacity to aircraft with wingspans greater than 168 feet.
F	TWYs H3, N, P, Q Rehabilitation	Rehabilitation of south half of TW P, all of TW N, TW H3 to the RW hold short line, and all of TW Q.	06/01/2022 to 10/31/2022	Complete	G	ATCT will have to reroute aircraft from the east side of the airfield depending on which taxiway is closed.
G	TWY E (F1 to F2) Reconstruction	Reconstruct TWY E from F1 to F2.	04/01/2023 to 10/31/2023	Upcoming	T	Only TWY E will be available to move aircraft from the east to west side of the airfield during this project.



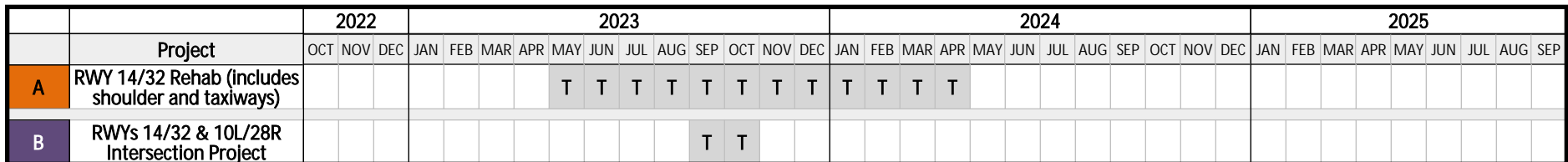
		2022			2023												2024												2025								
	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
A	TWY Z West & East Reconstruction				G	G	G	G	G	G	G	G	G	G	G	G	T	T	T	T	T	T	T	T	T	T	T										
B	TWY E/K Apron Rehabilitation								G	G	G																										

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY Z West & East Reconstruction	TWY Z West - Rehabilitating and widening TWY Z from TWY F to the west and stubbing out for future expansion.	2023 TBD	Upcoming	G	Project is in four (4) phases. Project includes installing an interlinking TWY R between TWY Z & RWY 7R/25L and relocating the service road.
		TWY Z East - Extending, rehabilitating, and widening TWY Z from TWY F to the east to TWY C and stubbing out for future expansion.	2024 TBD	Upcoming	T	30-day RWY 7R closure to tie in taxiways. Project includes reconstructing TWY C interlink, and reconstructing Kulis Ramp and Apron tie-in.
B	TWY E/K Apron Rehabilitation	Mill & Pave Only. TWY E/K Restricted. Gate Closures 2 x 4 days. Striping/Markings in June.	05/01/2023 to 07/01/2023	Upcoming	G	



		2022			2023												2024												2025								
	Project	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	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
C	South Air Park									G	G																										
D	RWY 7R/25L closure										Y	Y																									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	South Air Park	South Air Park TWY Z tie-in with 14 hardstands, Cargo Warehouse, MRO Facility, and FBO	06/01/2023 to 07/31/2023	Upcoming	G	Project may be included as part of the TWY Z extension construction.
D	RWY 7R/25L closure	RWY 7R/25L closed for connection of TWY R to RWY 7R. Complete project runs from April to October.	07/01/2023 to 08/15/2023	Upcoming	Y	In a RWY 7L/33 configuration, expect arriving aircraft to exit slower and also require increased spacing for RWY 7L arrivals to accommodate the heavy departures on RWY 33 due to jet blast issues. Increased departure delays are anticipated for the same reason.



G No capacity effect **Y** Reduced Capacity and Potential Delay impact **R** Reduced Capacity and Greater Delay Impact **T** To be determined