

Q2-2023 Airport Construction Impact Report



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

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

April 01, 2023
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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

G

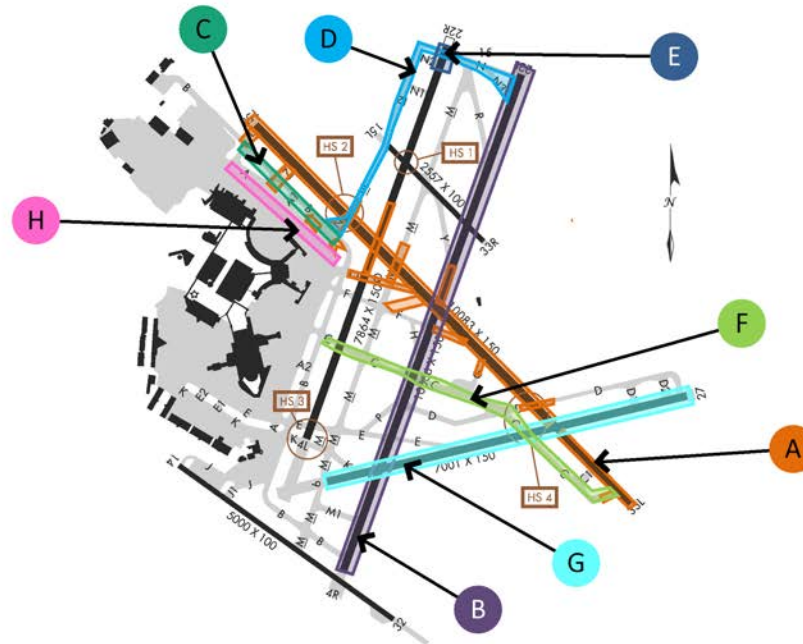
No Capacity Effect – Departures taxi delays and/or Arrivals airborne holding delays are 15 minutes or less

Y

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

R

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

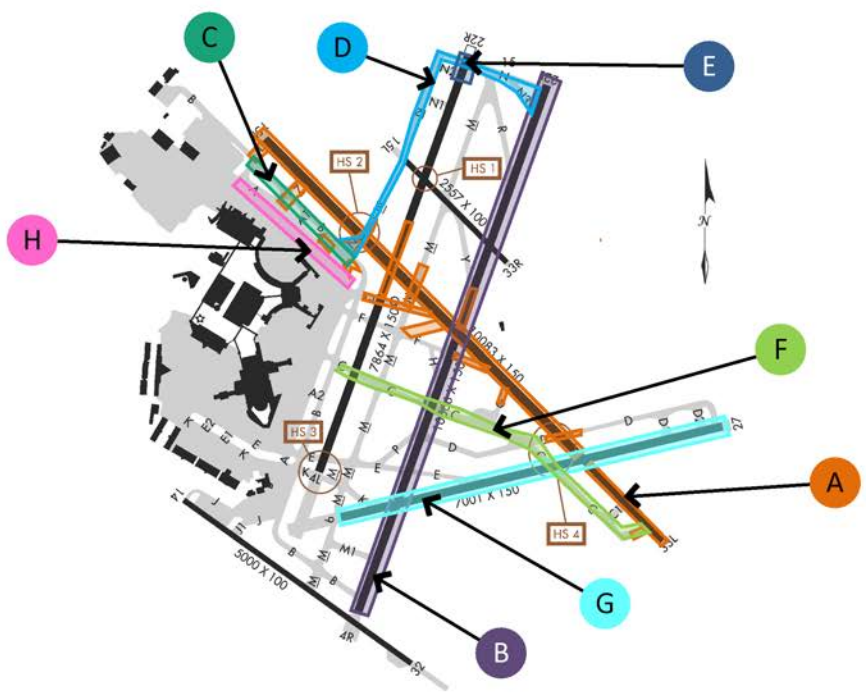
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 15R/33L Rehab	Closure or multiple closures of RWY 15R/33L and various adjoining taxiways.	August 2023 to October 2023	Upcoming	Y	Work will also include the intersections (at separate 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.
B	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.	April 2024 to August 2024	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.



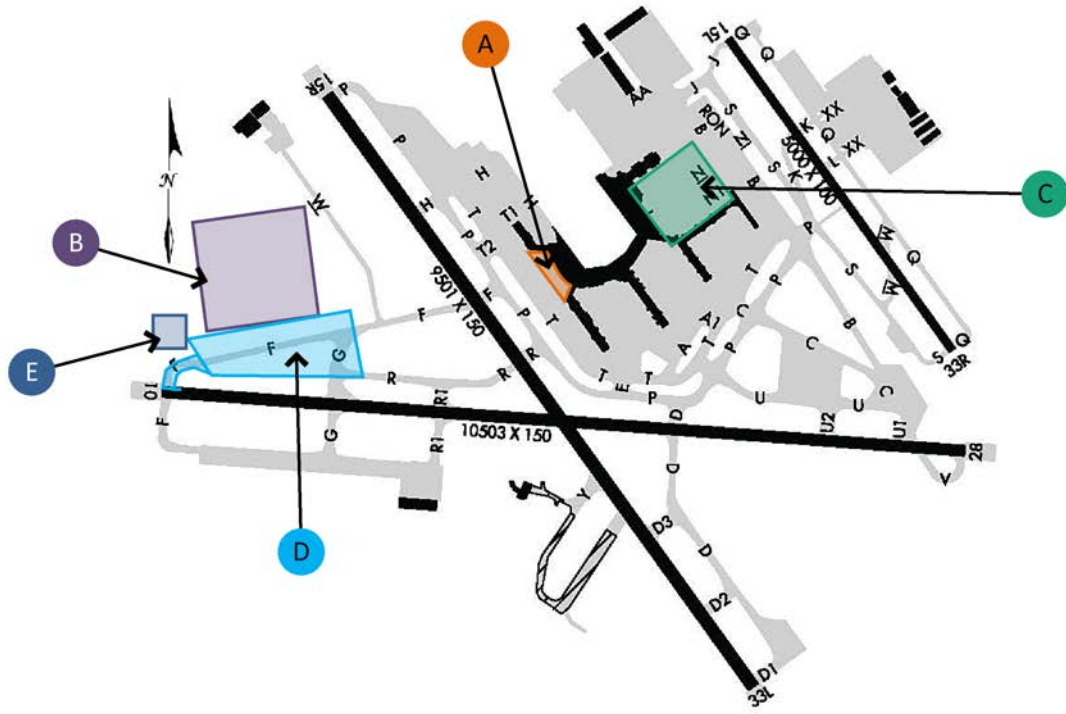
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C	TWY B North Rehabilitation																						G	G	G												
D	TWY N Rehabilitation																						Y	Y	Y												
E	RWY 22R Pavement Replacement																						Y	Y	Y												

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY B North Rehabilitation	Closures of portions of TWY B from TWY L through TWY N.	October 2024 to December 2024	Upcoming	G	Portions of the taxiway will be closed for rehab, taking into account taxi impacts and airline access.
D	TWY N Rehabilitation	Rehabilitate TWY N from RWY 15R/33L to RWY 22L.	October 2024 to December 2024	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	RWY 22R Pavement Replacement	Closure of RWY 22R to convert a portion of the asphalt to Portland Cement Concrete Pavement.	October 2024 to December 2024	Upcoming	Y	<p>The NW flow would not be affected and would be the preferred option.</p> <p>The obvious impacts are to the 4/9 east/northeast configuration which would be reduced to a 36-38 rate for single landing runway (opposed to 61 for ARR 4R and 4L) SW flow 27/22 would be reduced to a 26-28 rate.</p> <p>If we needed to use a South/Southwest flow, it would be 22/15 which would be a slightly lower rate than 4/9 single landing runway referenced above.</p> <p>A 22/15 configuration would be likely the most used option.</p> <p>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.</p>



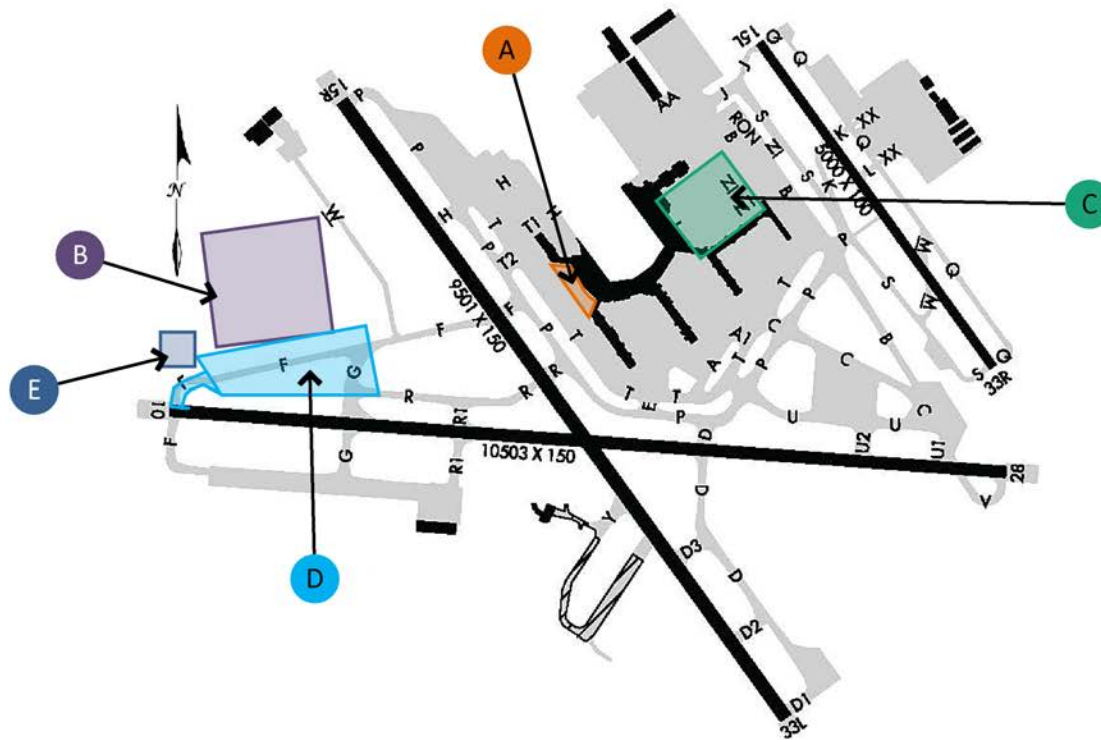
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F	Airfield Electrical Upgrades																												G	G	G	G						
G	RWY 27 RSA																																					
H	TWY A North Rehabilitation																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	Airfield Electrical Upgrades	Closures of portions of TWY C and other taxiways for centerline and edge lighting infrastructure and cable replacement.	Apr 2025 TBD to Jul 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.
G	RWY 27 RSA	Construction of RWY 27 safety area on a pile supported deck.	July 2025 to September 2025	Upcoming	T	Project will require closure of RWY 9/27. It may require 60-day construction periods in 2025 and possibly 2026.
H	TWY A North Rehabilitation	Rehabilitate TWY A North.	September 2025 to 2025 TBD	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.

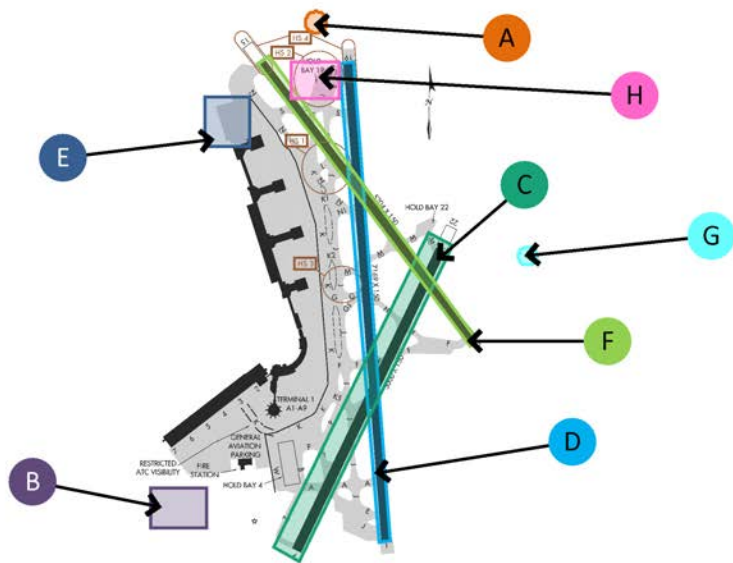


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A	Concourses A/B BHS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
B	Airline Hangar	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																		
C	Taxilanes N & N1				G	G	G	G	G	G	G	G	G																								

	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	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.

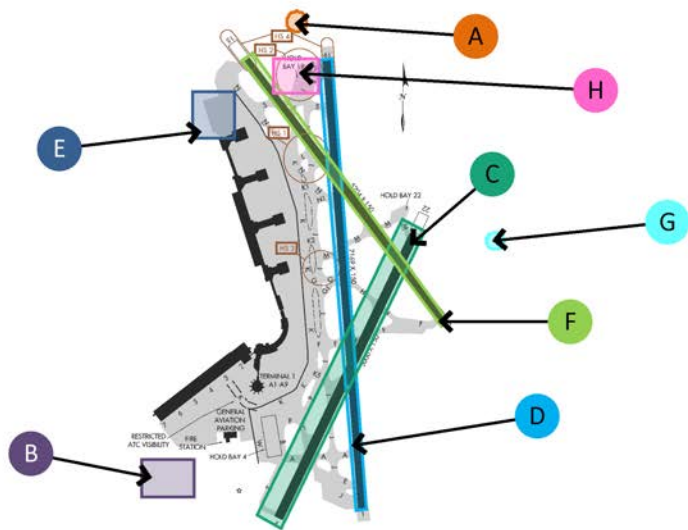
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWY F - Phase 2	Relocate TWY Foxtrot to allow for future construction of a dual taxiway system extending to the west from RWY 15R/33L. This includes extending TWY F to the approach 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.
E	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.



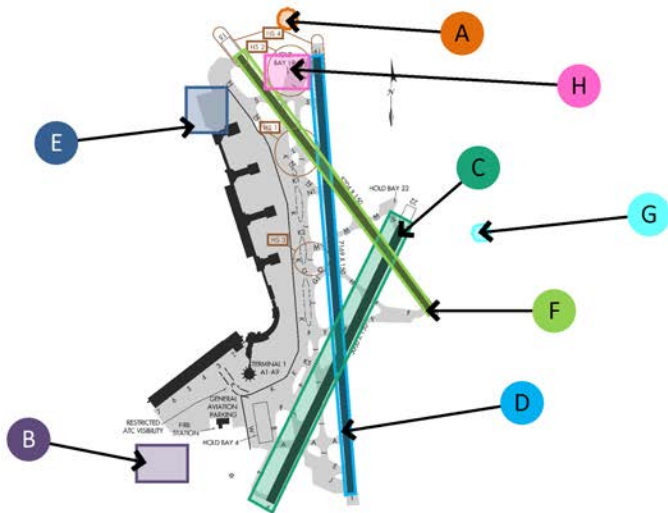
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A	RWY 19 Crane Ops (Amazon & Crystal City)	Y	Y	Y	Y	Y	Y	Y	Y	Y																											
B	Lighting Vault Relocation	G	G	G	G	G	G																														
C	RWY 4/22	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G													

	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	



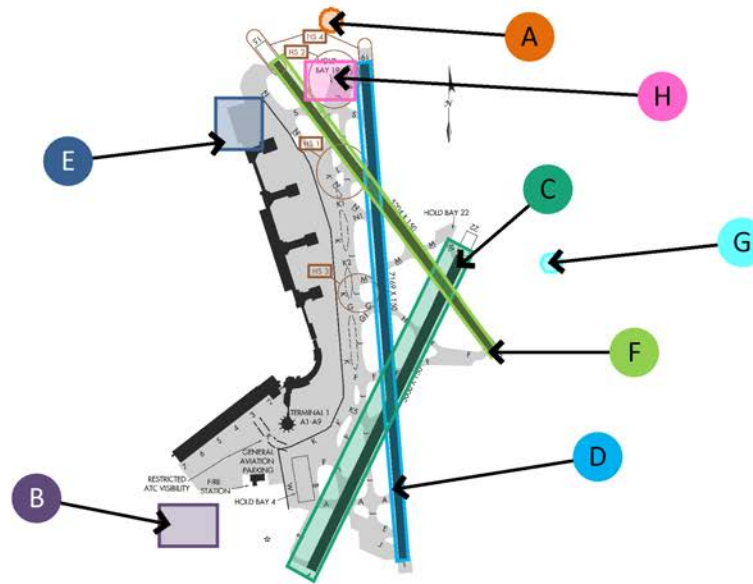
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D	RWY 1/19 Phases 1 & 2					Y	Y	Y	Y	Y	Y	Y					Y	Y	Y	Y	Y																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	RWY 1/19 Phases 1 & 2	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	Phase 1- Scheduled to take two construction seasons (March - November) beginning in 2023 and finishing in 2024 with two winter shutdowns (Dec.-Feb.). 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. 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). Please see additional notes below.
		Phase 2 - Runway 1/19 closure project.	April 2024 to August 2024	Upcoming	Y	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. RWYs 1 & 19 takeoff minimums will be raised from 500 RVR to 1000 RVR with the loss of runway centerline lights.



		2023												2024												2025											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
E	RWY 15 Hold Bay	G	G	G																																	
F	RWY 15/33 - Phases 1 & 2				G																G	G															

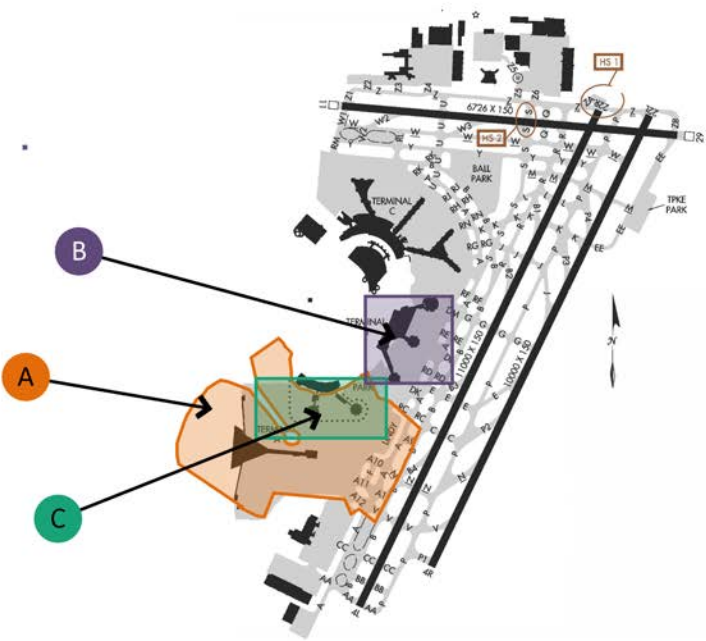
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	RWY 15 Hold Bay	RWY 15 Hold Bay will be expanded.	Fall 2022 TBD to Winter 2023 TBD	In Progress	G	Mostly overnight work.
F	RWY 15/33 - Phases 1 & 2	Phase 1 - Reconstruction of Runway 15/33.	04/16/2023 to 04/30/2023	Upcoming	G	Weekend and 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.



		2023												2024												2025											
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G	I-VWH Localizer Upgrade					Y	Y																														
H	RWY 19 Hold Bay (RIM)																													G	G	G	G	G	G	G	G

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	I-VWH Localizer Upgrade	<p>FAA project to upgrade the I-VWH localizer (LOC) supporting RWY 19 at DCA.</p> <p>The I-VWH LOC is off airport property across the Potomac River approximately abeam the RWY 22 threshold.</p>	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.
H	RWY 19 Hold Bay (RIM)	Reconfiguration and expansion of Hold Bay 19.	Spring 2025 to Spring 2028	Upcoming	G	Mostly overnight work.

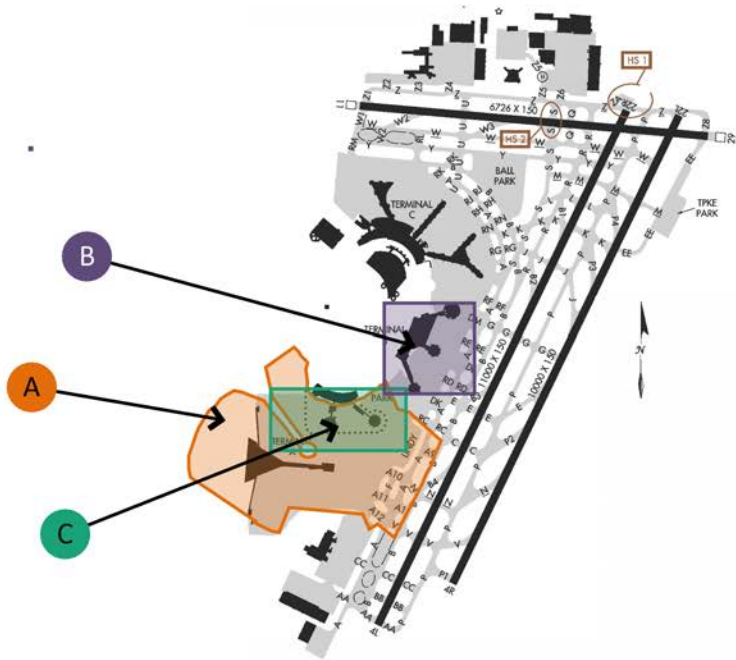
IATA Level 2



		2023												2024												2025											
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A	New Terminal A	Y	Y	Y	Y	Y	Y	Y	Y																												
B	Terminal B Ramp Rehab																									T	T	T	T	T	T	T	T	T	T	T	T

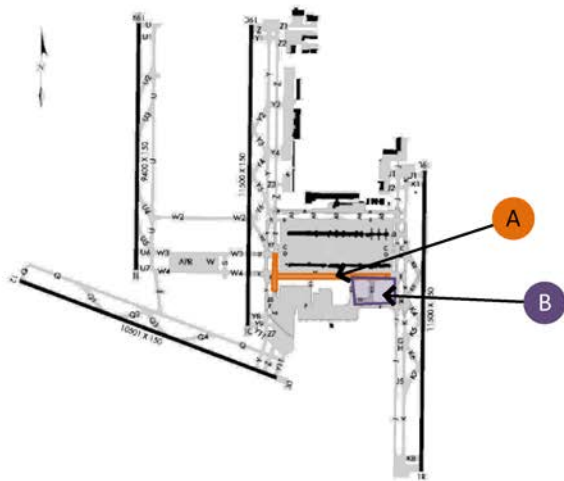
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	New Terminal A	New Terminal A redevelopment program. Demolition of existing Terminal A complex and construction of new Terminal A complex. Includes infrastructure required to support a 33-gate terminal complex.	01/01/2018 to Aug 2023 TBD	In Progress	Y	<p>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.</p> <p>Multi-phased project. Expect taxiing delays in/out due to ramp congestion.</p> <p>Partial Terminal Opening, 1/12/2023 (21 Gates).</p> <p>Full Terminal Opening, 2023 TBD (33 Gates)</p>
B	Terminal B Ramp Rehab	Terminal B Ramp Rehab.	2025 TBD	Upcoming	T	

IATA Level 2



		2023												2024												2025											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
C	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													

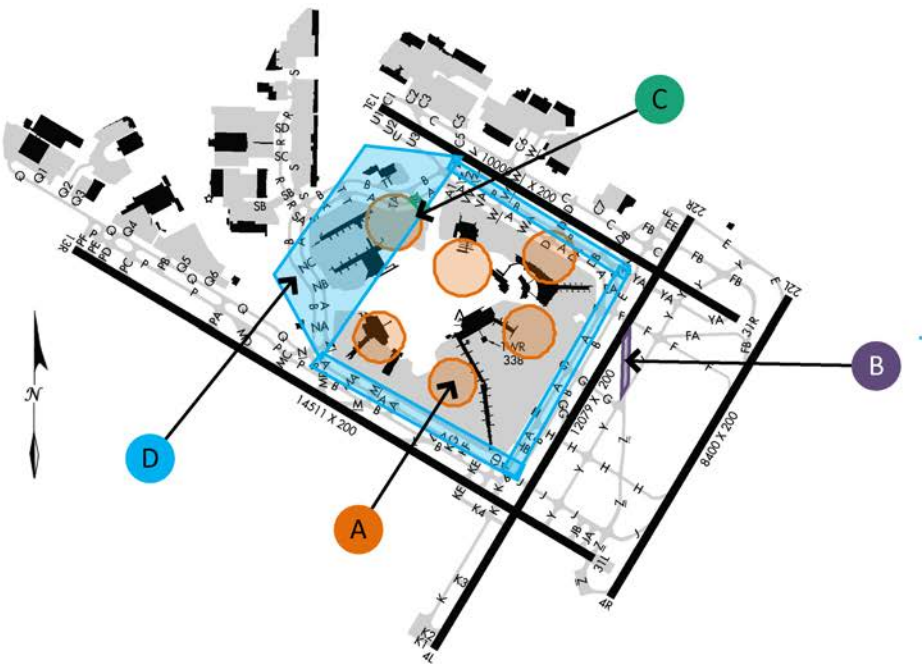
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	Terminal A Redevelopment and Demolition Project	Utilities and paving of the ramp area and portions of the ATC-movement area in the area North of the New Terminal A (currently under construction). Project also includes the demolition of 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	<p>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</p> <p>Some phases may add to taxi times more than others especially during IROP/SWAP conditions due to reduced staging areas.</p> <p>Project planned to take approximately 3 years to complete.</p> <p>Terminal A partial demolition in progress and to continue after partial opening of New terminal A.</p>
		Continuation of the Terminal A Redevelopment project.	2023 TBD to 2024	Upcoming	T	<p>Some phases may add to taxi times more than others especially during IROP/SWAP conditions due to reduced staging areas.</p>



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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	Taxilane E Reconstruction			Y	Y	Y	Y	Y	Y	Y	Y	Y																									
B	Tier 2 East Concourse							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

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Taxilane E Reconstruction	Phases 1-3 started July 2022 and went into winter shut-down November 2022.	July 2022 to November 2022	Complete	G	Phase 4 & 5 will be most impactful to the movement area. This phase reconstructs the intersection of TWYs Z & E. Phases 4 & 5 will lasts from March 20, 2023-May 6, 2023
		Phases 4-9 for March-November 2023. Access to south C/D gates will be maintained but no "thru traffic" on taxilane E. . TWY Z will be closed from Taxilane D to Taxilane F. *Impacts No entrance to Taxilane E from the west side. Single north/south taxiway in this busy portion of the center complex.	03/20/2023 to November 2023	In Progress	Y	
B	Tier 2 East Concourse	New 14/7 (NB/WB) gate concourse for United Airlines. Located south of existing Concourse C, between Taxiways E and F. Enabling work starting as early as Summer 2023. Targeting an early 2026 opening.	Summer 2023 TBD to 2026 TBD	Upcoming	T	Project will be the first new concourse at IAD in ~20 years. Designed to be the first phase of the larger "Tier 2" concourse that is being envisioned as part of IAD's new master plan.

IATA Level 3



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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	Terminal 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

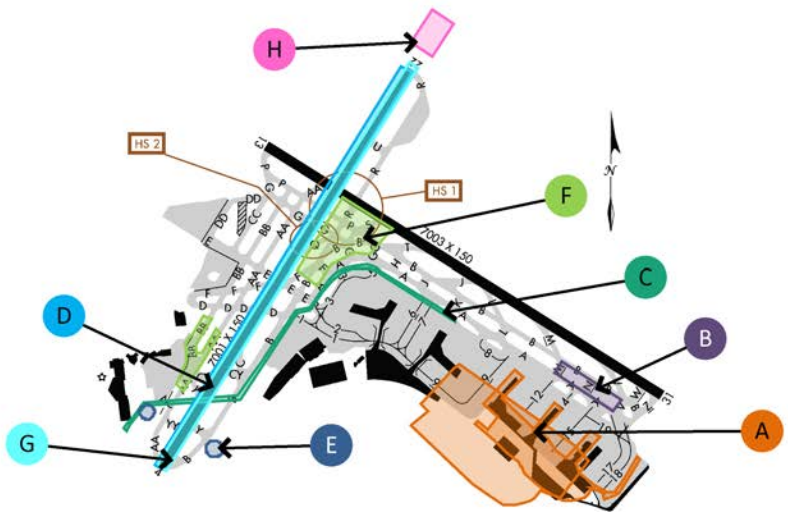
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminal Area (JFK Redevelopment (JFKR)) Program	Redevelopment construction involving Terminals 1, 4, and 5-7 and other areas.	06/01/2021 to 2028 TBD	In Progress	G	24 hardstands will be relocated. This will result in increased towing operations and limited metering locations. Redevelopment scope and schedule being reevaluated due to COVID-19.TBD. 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".

IATA Level 3



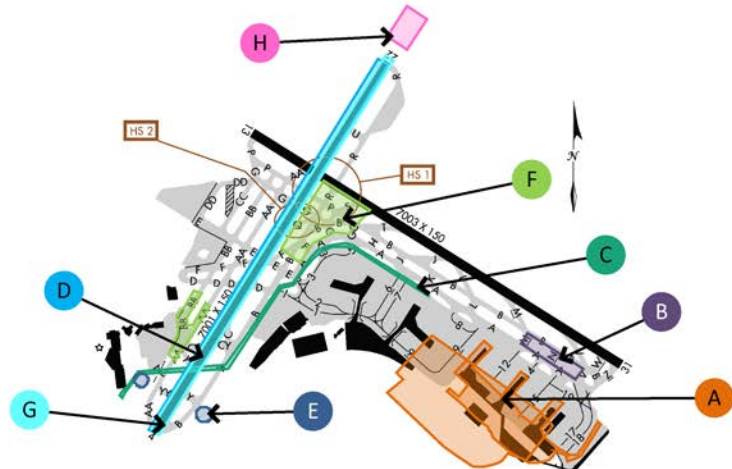
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C	TWY TB	G	G	G	G	G	G	G	G	G	G	G	G																								
D	TWYs A & B													T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
B	TWY Z	TWY Z closed for construction between RWY 4L/22R and TWY Y.	07/29/2019 to 12/31/2023	In Progress	G	
C	TWY TB	Taxiway work associated with rework of Terminal 8 ramp interface.	01/30/2023 to 12/31/2023	In Progress	G	Rework of Terminal 8 ramp interface.
D	TWYs A & B	Full reconstruction of TWYs A and B	2024 TBD to 2026 TBD	Upcoming	T	Project deferred due to COVID-19/funding constraints.



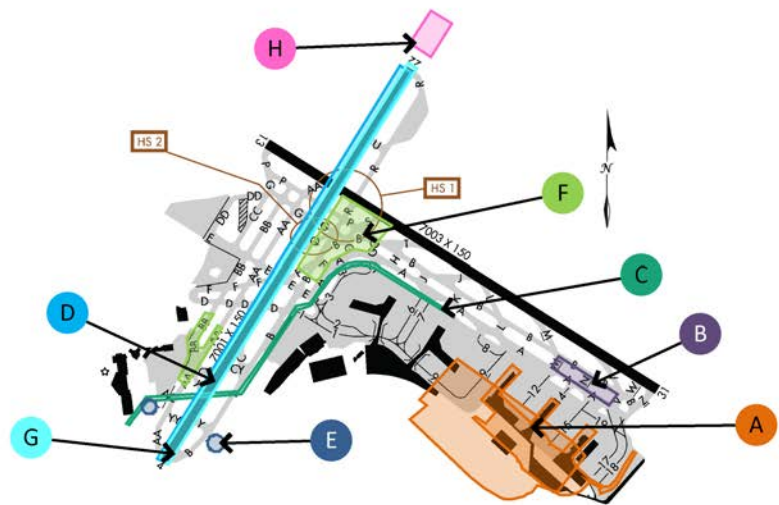
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A	Terminals C & D	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G													
B	TWY A Shoulder	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G										
C	Hydrant Fueling Line	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G													

	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. Construction of Concourse D now underway.
B	TWY A Shoulder	TWY A shoulder work to tie in new Terminal C. Concourses D, E, and 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).
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.



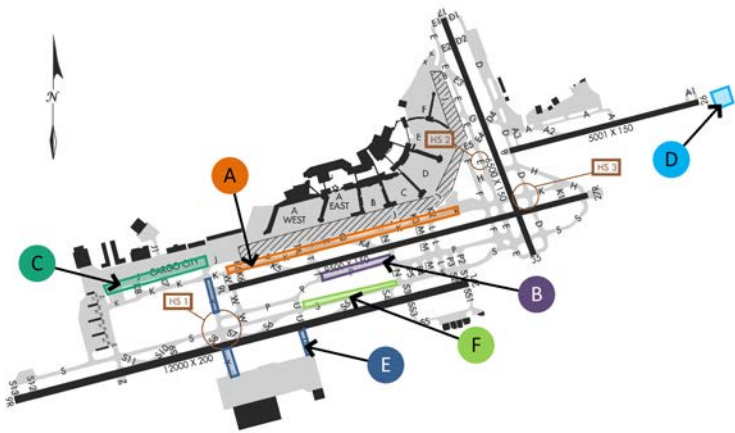
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D	Runway Closures	G	G	G	G	G	G	G	G	G	G	G																									
E	RWY 4 PAPI						G	G																													
F	TWYs P, G, R, S, B, AA, and BB Rehabilitation													T	T	T	T	T	T	T	T	T	T	T													

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	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	From November 15, 2022 to April 15, 2023 the following procedures are in place for runway closures: One Runway will be NOTAM'd with a Prior Permission Request (PPR) requiring a 30- minute request in order to reopen the designated runway. Overnight airport closures will resume on April 15, 2023 and will continue until November 15, 2023.
E	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.
F	TWYs P, G, R, S, B, AA, and BB Rehabilitation	TWYs P, G, R, S, B, AA and BB will require rehab work to be broken up in stages.	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 1200 on Sunday.



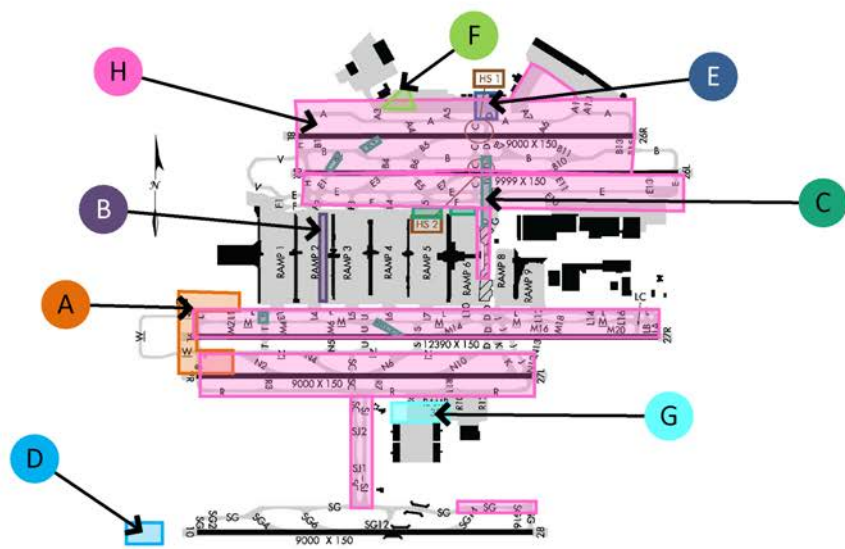
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G	RWY 4 ALS				Y	Y	Y	Y	Y																												
H	RWY 4 Localizer													T	T	T	T	T	T	T	T	T	T	T													

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	RWY 4 ALS	RWY 4 ALS replacement. There is a 120-day outage planned for the RWY 4 MALSR.	04/17/2023 to 08/15/2023	Upcoming	Y	<p>The minimums for the RWY 4 ALS project will be increased to 4500 RVR. These minimums will remain throughout the entirety of the project. If the weather causes the minimums to go lower, this will affect the RWY 13 ILS operations at EWR and TEB, which could reduce the AAR from 34 to 28. In addition, the loss of the RWY 4 ALS may increase airborne holding delay and the number of missed approaches.</p> <p>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.</p>
H	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.



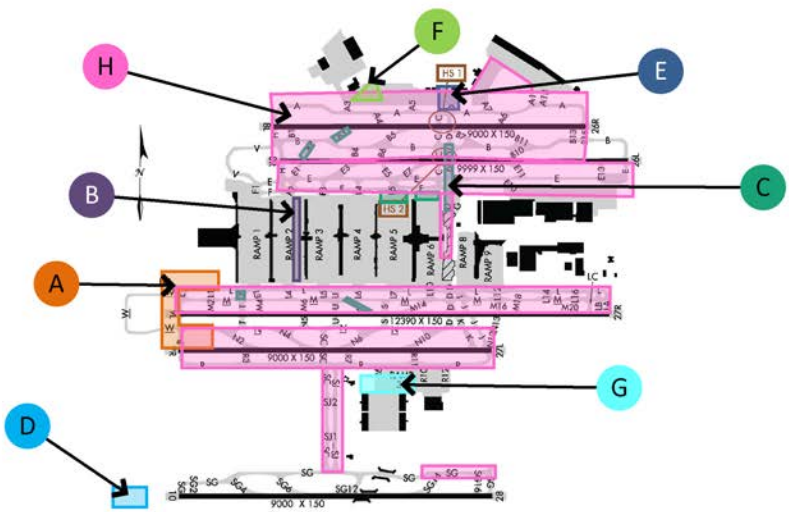
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A	TWY K Reconstruction	G	G	G	G	G	G	G	G	G	G	G	G																								
B	TWY P Relocation/Realignment	G	G	G	G	G	G	G	G	G	G	G	G																								
C	TWY J Reconstruction			T	T	T	T	T	T	T	T	T	T	T	T	T																					
D	RWY 26 RSA					G	G	G	G	G	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	T						
F	TWY S Reconstruction (TWY N to U)															T	T	T	T	T	T	T	T	T	T												

	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	G	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	G	Potential for limited impact to adjacent taxiways.
C	TWY J Reconstruction	TWY J reconstruction project.	March 2023 to March 2024	In Progress	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.
F	TWY S Reconstruction (TWY N to U)	TWY S reconstruction between TWYs N and U.	03/01/2024 to 12/30/2024	Upcoming	T	Expected to start in March 2024.



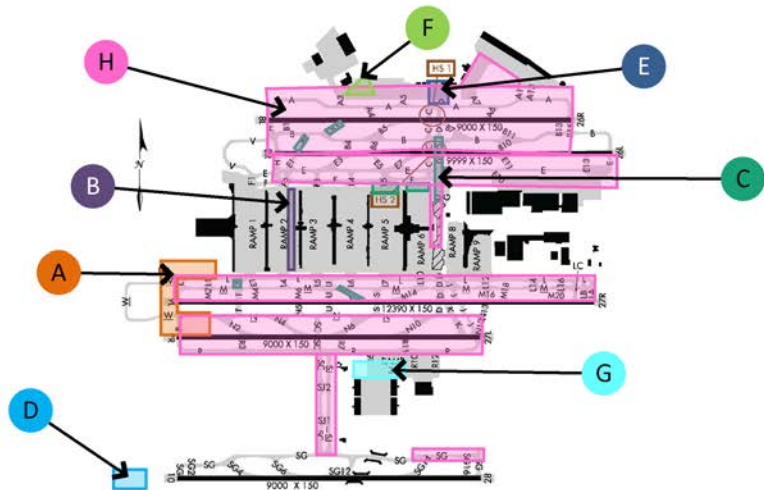
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A	RWY 9L End-Around TWY	G	G																																		
B	Ramp 2 Pavement Replacement Project				G	G	G	G	G	G	G	G	G																								
C	Taxiway repair/pavement replacement				Y	Y	Y	Y	Y	Y																											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 9L End-Around TWY	Construction of an end-around-taxiway (EAT) at RWY 9L to provide more efficient capacity and reduce delays.	07/06/2021 to Q1 2023	Complete	G	Taxiway is awaiting markings. RWYs 9L/R ILS were flight checked and returned to service on 11/18.
B	Ramp 2 Pavement Replacement Project	33,000 square yards of full depth concrete pavement placement. Two slabs on either side of east side taxilane 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.
C	Taxiway repair/pavement replacement	Replace taxiway pavement including underdrains, lighting, markings and adjacent shoulders	April 2023 to Sep 2023 TBD	Upcoming	Y	TWY A3 will be restricted to ADG III and below. Anticipated construction for the following work locations: TWY B at B2 and B3. Taxilane 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



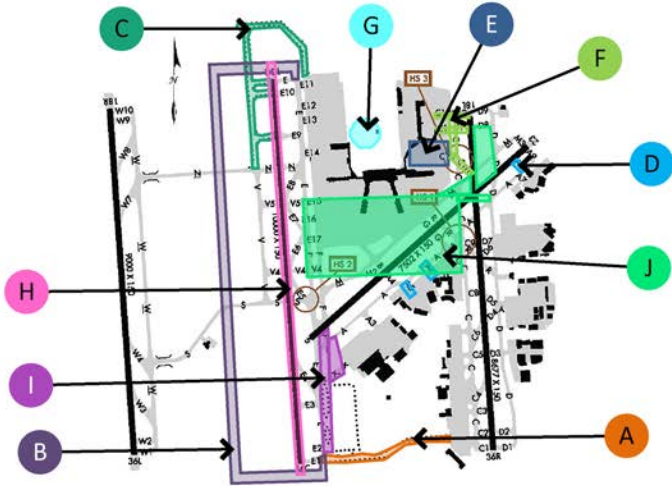
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D	RWY 10 Glideslope						Y	Y	Y	Y	Y	Y	Y																								
E	RIM HS1						G	G	G																												
F	Ramp 20 Pavement Replacement							T	T	T																											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	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.
E	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.
F	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).



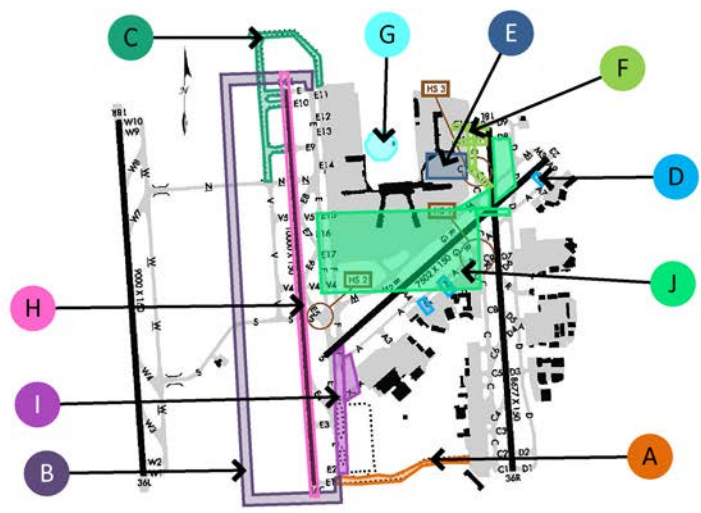
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G	South De-icing Facility																																				
H	Shoulder Replacement Project							Y	Y	Y	Y	Y	Y																								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	South De-icing Facility	Development of supporting ramp to provide additional capacity for all carriers.	01/22/2021 to 12/31/2022 TBD	Complete	G	All paving has been completed now the contractor is working on striping the ramp. Due to cold nighttime temperatures, painting is limited to daytime hours. Sections of TWY R are being closed to accomplish all of the movement area striping. A large amount of striping inside the ramp is required to accommodate all of the de-ice bays. While the ramp will be complete there are numerous systems that have yet to be tested, and limited lighting options for night time de-icing.
H	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)



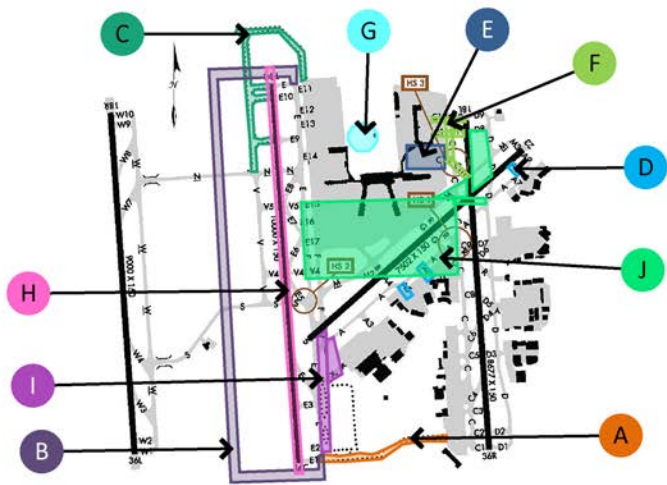
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A	South Crossfield Taxiway	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G				
B	New 4th Parallel RWY	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	R	R	R	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	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
B	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	In Progress	Y	This phase will consists of early clearing and grading in preparation for the new runway.
		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.				Possible service interruptions due to infrastructure system tie-ins. Possible arrival/departure impacts due to equipment and construction cranes.
		West Blvd relocation				Relocation of the existing Radio Transmitter and Radio Receiver sites is required prior to construction.
		Construction of New 4th parallel runway.				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.



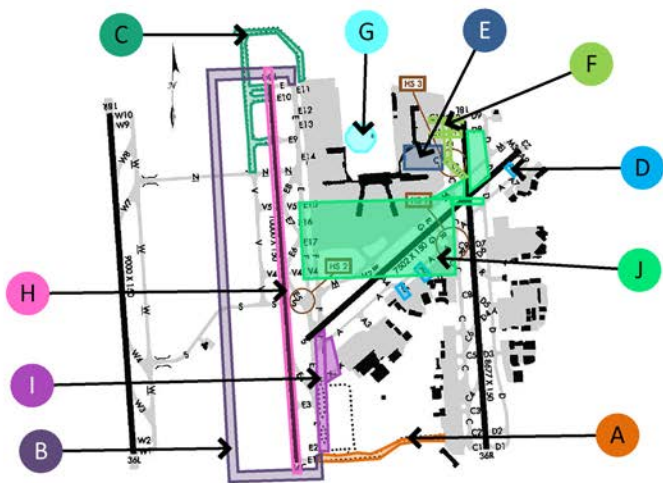
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C	North of RWY 18C End-Around Taxiway (NEAT)	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	T	T	T	T	T	T														

Project		Description of Work	Estimated Dates	Status	Impact	Notes
C	North of RWY 18C End-Around Taxiway (NEAT)	Phase 1A: Fill and grading.	07/01/2022 to 04/01/2024	In Progress	G	Loss of CAT I/II/III ILS service during Phase 1 for relocation of RWY 36C Localizer. Localizer only service for RWY 18C during work in the Glide Slope critical area. Loss of 1/4 mile visibility credit while modifying RWY 18C MALSR due to grading work.
		Phase 1B: Paving, lighting and marking for the end-around taxiway north of RWY 18C/36C. Possible service interruptions due to infrastructure system tie-ins. Possible arrival/departure impacts due to equipment and construction cranes. Impact level still unknown at this point.	07/01/2023 to 10/31/2024	Upcoming	T	Simultaneous triple instrument approaches can be done with the RNAV 18C approach, albeit with minimums for 18C at 200-1/2 for the LPV and 400-1/2 for the LNAV/VNAV, and minimums for 36C at 200-1/2 for LPV and 500-1/2 for the LNAV/VNAV.
		Phase 2 displaces RWY 18C threshold and adds highspeed taxiway on south end of runway.	2028 TBD	Upcoming	T	Capacity rates may be impacted minimally during this phase. If work in the RSA can be performed after hours or under a displaced threshold, May require a substantial impact runway closure. Runway status lights to be reconfigured, ASDE-X Remote Unit to be relocated, and a new RTR site to be established to facilitate taxiway opening. Will require relocation of Runway 18C MALSR, Glide Slope, TD RVR, and PAPI.



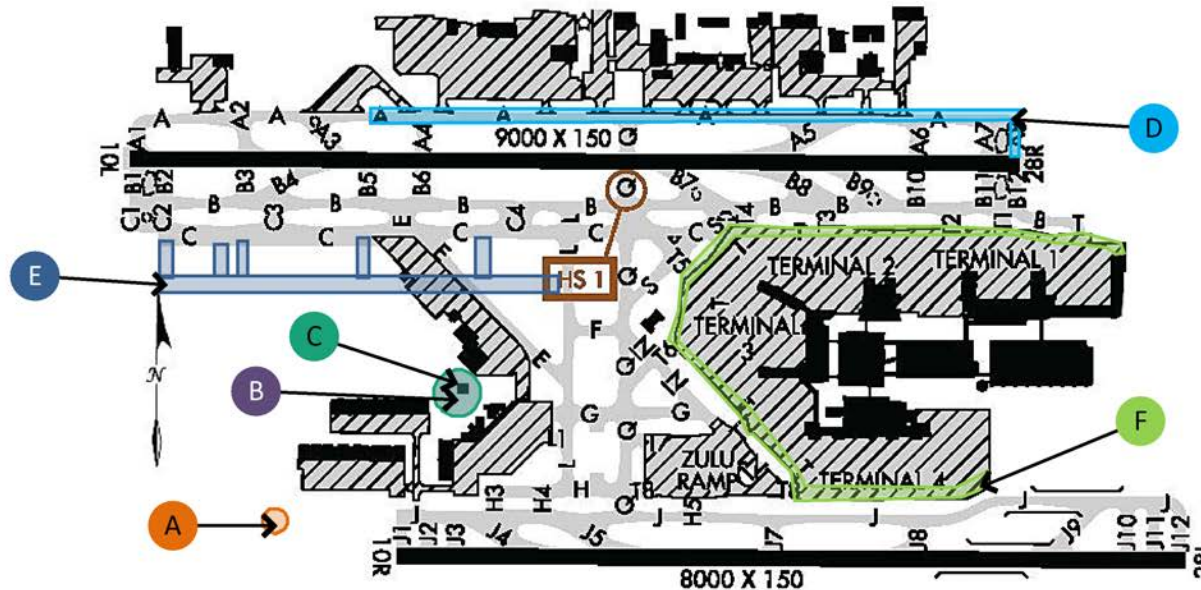
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D	TWYs A5, A6 & A8	G	G	G	G	G	G	G	G	G	G	G	G																								
E	D and E Dual Taxilanes	G	G	G	G	G	G	G																													
F	TWYs C10, C11, C12	G	G	G																																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	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 12/29/2023	In Progress	G	Airport Operations is having internal discussions about possibility of closing both taxiways, A6 and A8, permanently.
E	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.
F	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 03/13/2023	Complete	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.

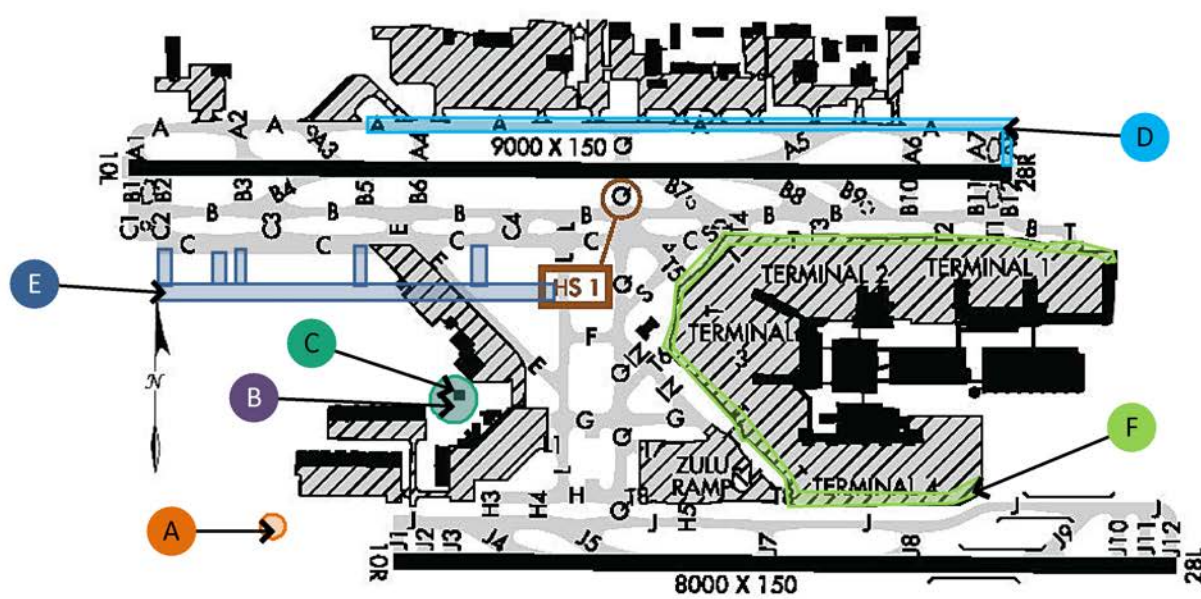


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G	Old Control Tower Removal	T	T	T	T	T	T	T	T	T	T	T	T																									
H	18C ALS	G	G	G	G	G	G	G																														
I	TWY F Extension				G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G															
J	Terminal Ramp Expansion - Phase 1																									G	G	G	G	G	G	G	G	G	G	G	G	G

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	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.
H	18C ALS	RWY 18C ALS project	01/10/2023 to 07/10/2023	In Progress	G	
I	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.
J	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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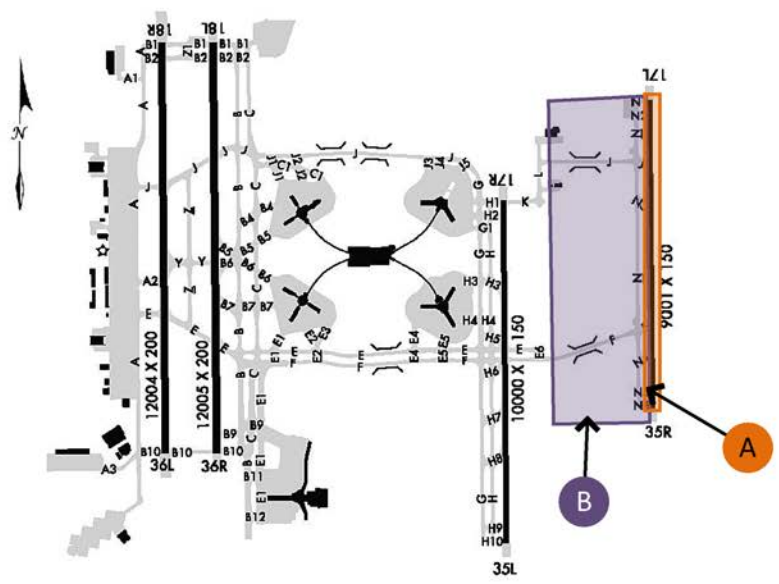
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 10R/28L Crane ops	Daily overnight crane operations in the immediate vicinity of RWY 10R Approach/RWY 28L Departure.	01/22/2022 to 07/31/2023	In Progress	G	Deployment of crane(s) in the location(s) designated deems FLL RWY 10R unusable 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.	11/01/2023 to 05/01/2024	Upcoming	G	Renovation within tower cab. Control positions will remain open. No operational impacts expected.



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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
D	TWY A Rehabilitation																		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										
F	Taxilane T Rehabilitation																					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
D	TWY A Rehabilitation	Rehabilitation of Taxiway A.	Q3 2024 to Q3 2025	Upcoming	T	Design start is expected in Q1 2023 with construction planned to start Q2 2024. Construction is expected to lasts 9-12 months.
E	New Taxilane C Project	Construction of Taxilane ADG III will be parallel and south of TWY C.	Q3 2024 to Q1 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.	Q4 2024 to Q4 2025	Upcoming	T	Design start planned for Q2 2023 and construction expected to begin Q3 2024.

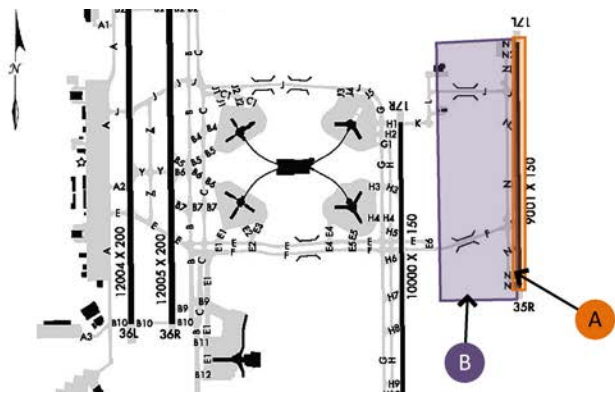
IATA Level 2



		2023												2024												2025											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	RWY 17L ALSF	G	G	G	G	G	G	G	G	G	G	G	G																								

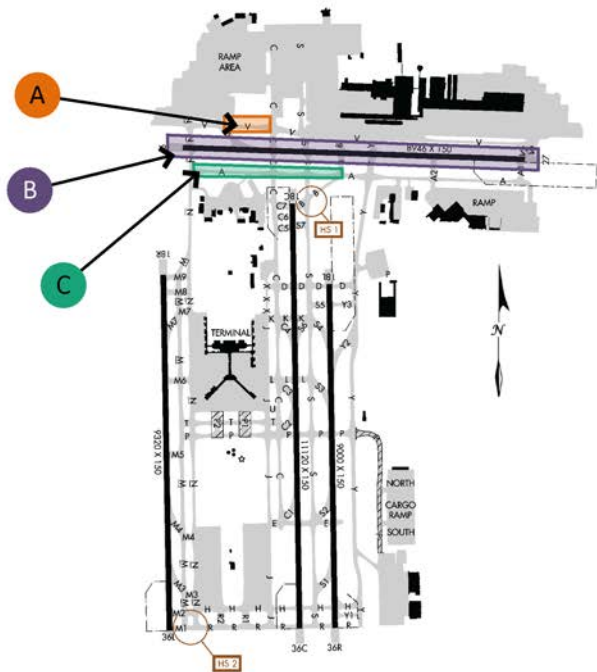
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 17L ALSF	The RWY 17L ALSF will be out-of-service. This project was delayed waiting for permissions to use the highway median for required work.	05/27/2022 to 2023 TBD	In Progress	G	The impact of the ALSF outage is a reduction in service 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. The Flight Check to return this system to service may be delayed until the end of the extended runway closure.

IATA Level 2



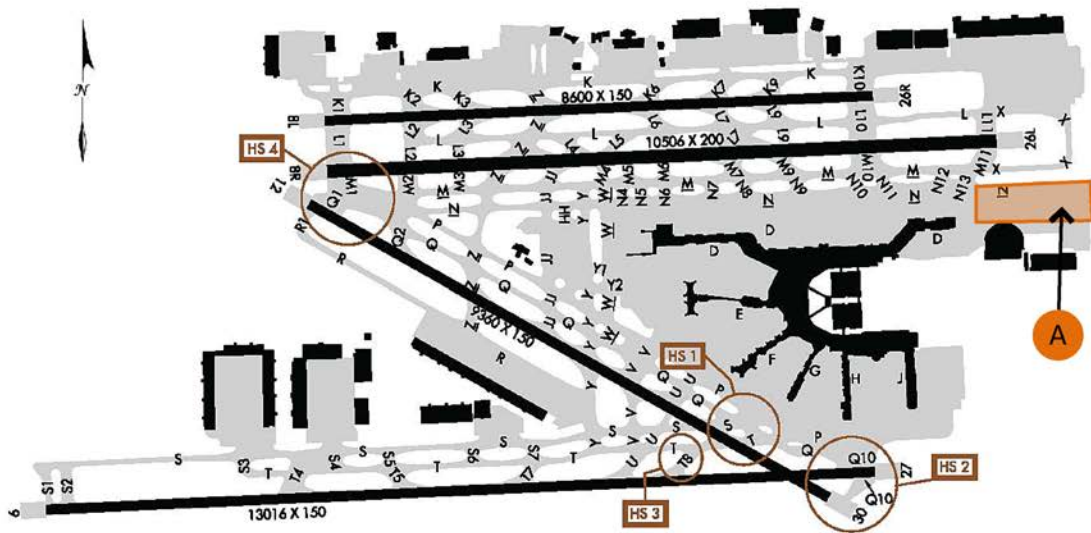
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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
B	East-side Taxiways		G	G	Y	Y	Y	Y																													

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
B	East-side Taxiways	We are currently in construction Phase 1 which closed TWYs K and L.	February 2023 to Apr 2023 TBD	In Progress	G	<p>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.</p> <p>The March 29 date is for the end of our Phase 1 construction only and subject to change.</p>
		Phase 2 construction will close TWYs N as well as J east of L and F east of TWY E6. This phase will also require a complete closure of RWY 17L/35R for three (3) months.	04/10/2023 TBD to 07/10/2023 TBD	Upcoming	Y	<p>When RWY 17L/35R closes, delays may increase for both arrivals and departures. Current traffic levels are up, so impacts may be greater. In the past, we have been able to manage most, if not all, of the issues with some MIT into MCO (placed by F11) and timely coordination between the TRACON and tower. The average flow will be to run normal on the west complex and run Gaps to RWY 17R/35L so departures can share the runway. When the arrival demand will be greater, the coordination should be to run tight to RWY 17R/35L and favor RWY 18L/36R with MCO departures. When the departure demand is greater the coordination should be for F11 to favor RWY 18R/36L and the tower to use RWY 18L/36R and RWY 17R/35L for departures. Both facilities must use the traffic management resources available to project the next 30-60 minutes.</p> <p>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.</p>



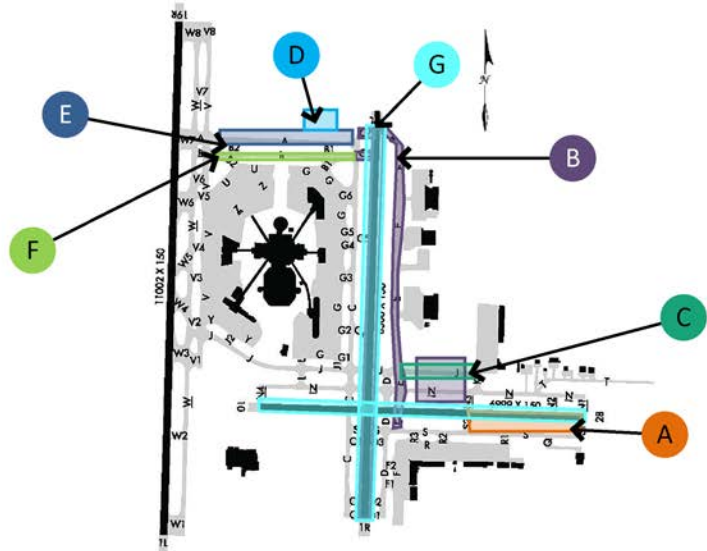
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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	TWY V3	G	G	G	G	G	G																														
B	RWY 9/27 Status Lights	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G												
C	TWY A				T	T	T	T	T	T	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.



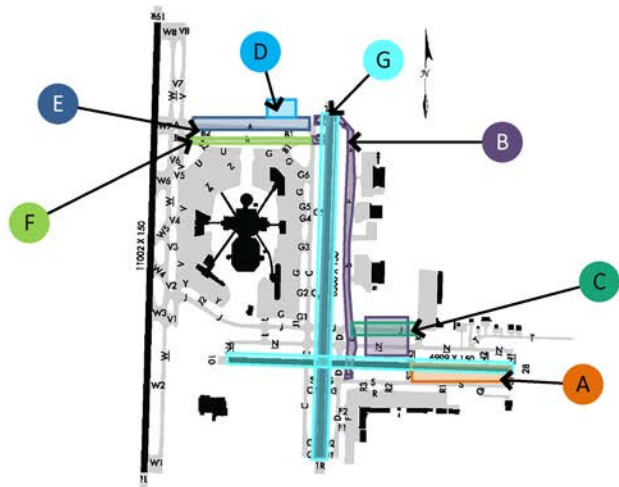
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A	Central Base Ramp	G	G	G	G	G	G																														

	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.



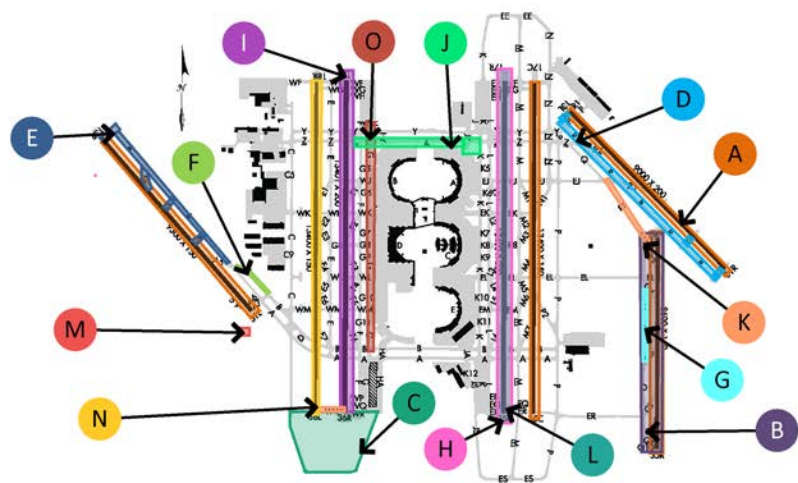
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A	TWY S	G	G	G	G																																
B	Air Cargo Expansion and TWY E Rehabilitation				T	T	T	T	T																												

	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 April 2023	In Progress	G	
B	Air Cargo Expansion and TWY E Rehabilitation	Phase 1- TWY E closed between United and Hush House.	04/21/2023 to 06/29/2023	Upcoming	T	Phase 1 is expected to lasts 70 days.
		Phase 1A - RWY 1R/19L and TWY E between United and Hush House are closed.	05/30/2023 to 06/29/2023	Upcoming	T	Phase 1A is expected to lasts 30 days and includes the closure of RWY 1R/19L.
		Phase 2A - RWY 1R/19L is closed between the hours of 0700(L) and 1700(L). TWY E is closed between North Airborne and Runway 1R/19L during phase 2A. TWYs C6 and C7 are closed.	07/03/2023 to 07/17/2023	Upcoming	T	Phase 2A is expected to lasts 13 days and includes the closure of RWY 1R/19L daily from 7AM-5PM.
		Phase 2B - RWY 1R/19L closed between the hours of 0700(L) and 1700(L). TWY E is closed between United and Hush House between the hours of 0700(L) and 1700(L).	08/01/2023 to 08/02/2023	Upcoming	T	Phase 2B is expected to lasts 2 days and includes the closure of RWY 1R/19L daily from 7AM-5PM.



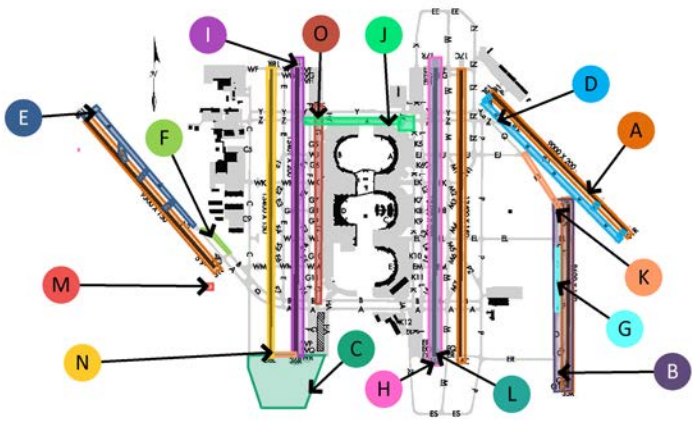
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C	TWY J (TWYs K to E) - Phase 2		G	G	G	G	G																														
D	North Remain Overnight (RON) Apron Project						G	G	G	G	G	G	G	G	G	G	G	G	G	G																	
E	TWY A						G	G	G	G	G	G	G	G	G	G	G	G	G	G																	
F	TWY B Closure						G	G	G	G	G	G	G	G	G	G	G	G	G	G																	
G	RWYs 1R/19L & 10/28 Slab Replacement								Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY J (TWYs K to E) - Phase 2	TWY J concrete fillet pavement, taxiway asphalt shoulders, and lighting/signage upgrades on TWYs J & K intersection.	02/22/2023 to 06/09/2023	In Progress	G	This is part of the Air Cargo expansion project.
D	North Remain Overnight (RON) Apron Project	Construction of the North RON apron.	June 2023 to July 2024	Upcoming	G	
E	TWY A	TWY A closure.	June 2023 to July 2024	Upcoming	G	Minor impacts expected during construction.
F	TWY B Closure	TWY B closure.	Jun 2023 TBD to Jul 2024 TBD	Upcoming	G	Construction expected to lasts 30 days and will occur sometime between January 2023 and August 2023.
G	RWYs 1R/19L & 10/28 Slab Replacement	Slab replacement work on RWY 1R/19L and RWY 10/28.	August 2023 to June 2024	Upcoming	Y	At peak times, the closure of RWY 1R/19L could create delay impacts during the slab replacement project.



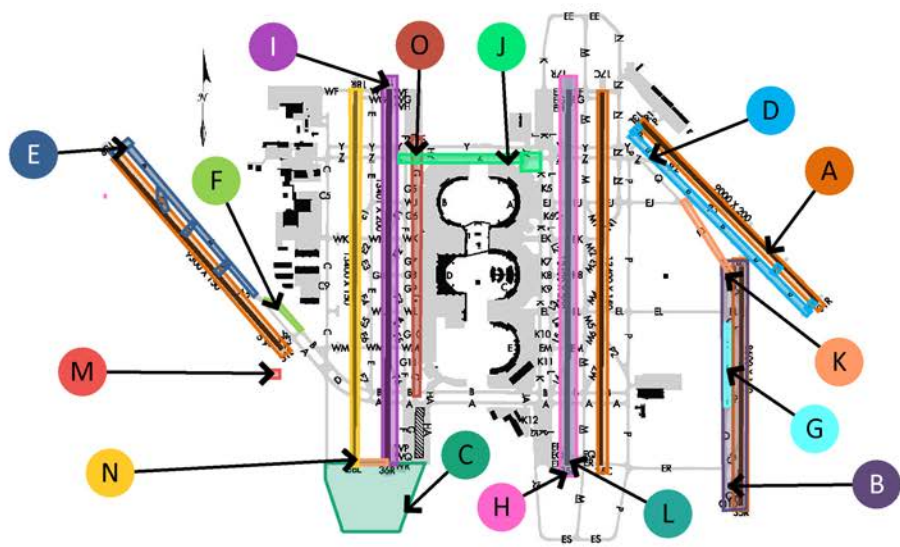
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A	RWYs 17C/35C, 17L/35R, 13R/31L, & 13L/31R Restricted	G	G	G	G	G	G	G	G	G	G	G	G																								
B	RWY 17L/35R Storm Drain project	G	G	G	G	G	G																														
C	Southwest End-Around Taxiway	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G							T	T	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 01/31/2024	In Progress	G	
B	RWY 17L/35R Storm Drain project	Storm Drain repair project.	September 2022 to June 2023	In Progress	G	Night work only: (2300-0600)
C	Southwest End-Around Taxiway	RWYs 36L & 36R Southwest End-Around Taxiway (EAT). Package 1A.	December 2022 to March 2024	In Progress	G	TWY WR will be closed for 45 days. 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	



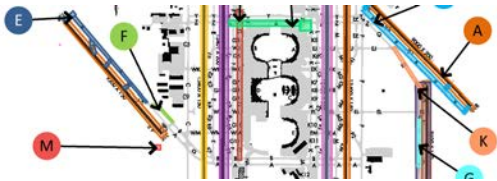
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D	TWY R Closure	G	G	G	G	G	G	G	G	G	G	G	G																								
E	TWY A Closure	G	G	G																																	
F	TWY B Closure		G	G																																	
G	TWY Q Closure		G	G																																	
H	RWY 17R/35L MALSR			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 R Closure	TWY R closed between TWY R1 and R5. TWYs R1, R4 and R5 closed.	12/22/2022 to 2023 TBD	In Progress	G	
E	TWY A Closure	TWY A closed between TWY A1 and A5. TWYs A1, A2, A3, A4 closed.	01/14/2023 to 03/31/2023	Complete	G	
F	TWY B Closure	TWY B closed between TWY A and C.	02/09/2023 to 03/31/2023	Complete	G	
G	TWY Q Closure	TWY Q closed between TWY Q4 and Q6.	02/22/2023 to 03/31/2023	Complete	G	
H	RWY 17R/35L MALSR	RWY 35L MALSR will be out-of-service. This will affect departures only.	March 2023 to June 2023	In Progress	T	
		RWY 17R/35L MALSR will be out-of-service.	June 2024 to Q1 2025	Upcoming	T	



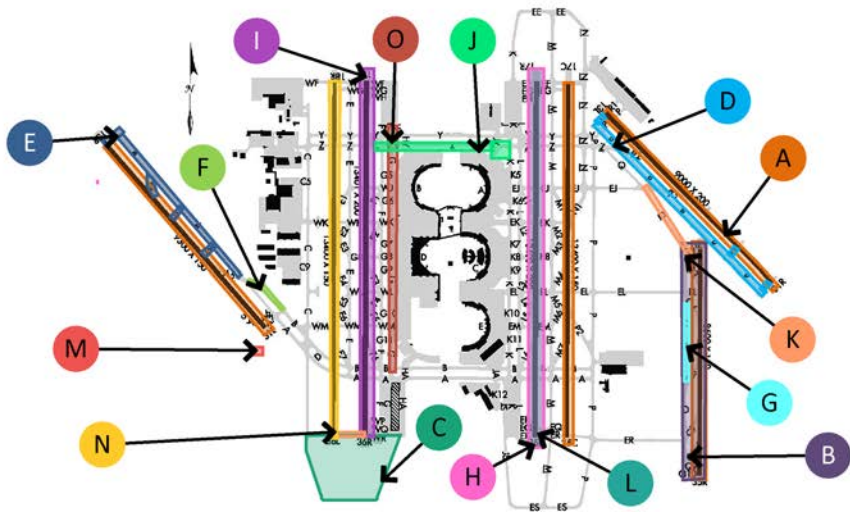
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I	RWY 18L/36R Pavement Remediation	G	G	G	G																																
J	Ramp A North & TWY JY Reconstruction	G	G	G	G	G	G																														
K	Pavement Remediation Phase 1					T																															

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
I	RWY 18L/36R Pavement Remediation	RWY 18L/36R joint seal night work (2200-0600)	11/19/2022 to Apr 2023 TBD	In Progress	G	Cannot begin until completion of 17L night work.
J	Ramp A North & TWY JY Reconstruction	Ramp A North and TWY JY reconstruction project.	January 2023 to June 2023	In Progress	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.
K	Pavement Remediation Phase 1	Pavement remediation between TWY Q1 to TWY EJ.	May 2023	Upcoming	T	



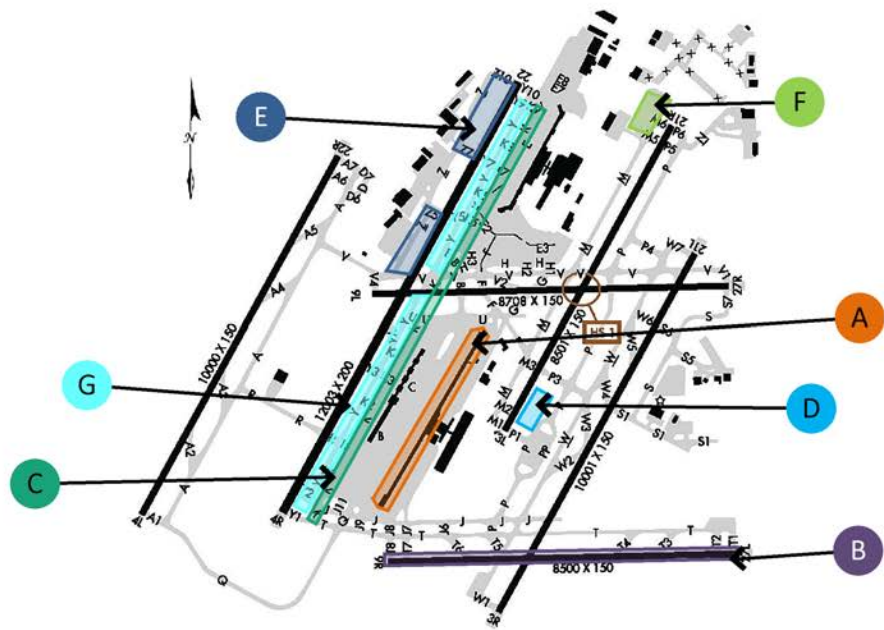
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L	RWY 17R/35L Rehab				Y	Y	Y	Y	R	R	R	R	R	R	R	R	R	R	Y	Y	Y																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
L	RWY 17R/35L Rehab	RWY 17R/35L will be a full rehabilitation. RWY 35L threshold construction.	04/13/2023 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.	August 2023 to May 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



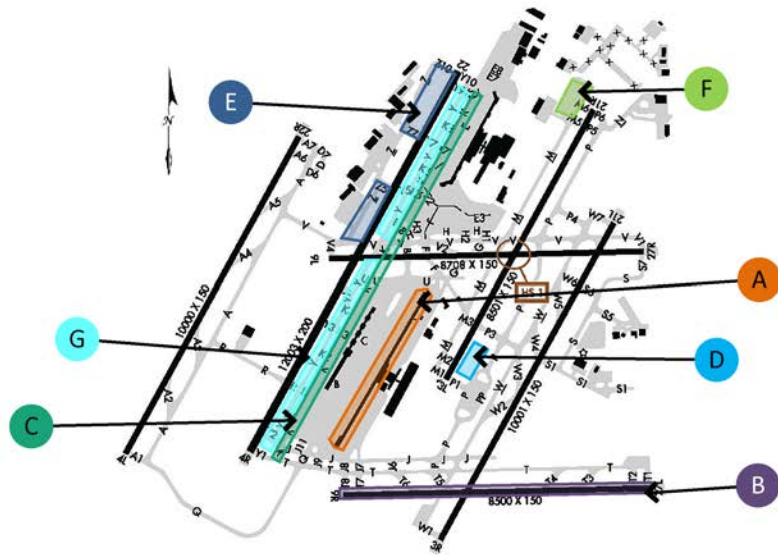
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M	East ARFF Station												G	G	G	G	G	G	G	G	G	G	G	G	G												
N	RWY 36L ALSF-2													T	T	T	T	T	T	T	T	T	T	T	T												
O	TWY G Rehabilitation																					T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
M	East ARFF Station	East ARFF work.	Dec 2023 TBD to 2024 TBD	Upcoming	G	
N	RWY 36L ALSF-2	Remove and replace RWY 36L MALS 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.
O	TWY G Rehabilitation	TWY G rehabilitation project.	September 2024 to 2026 TBD	Upcoming	T	



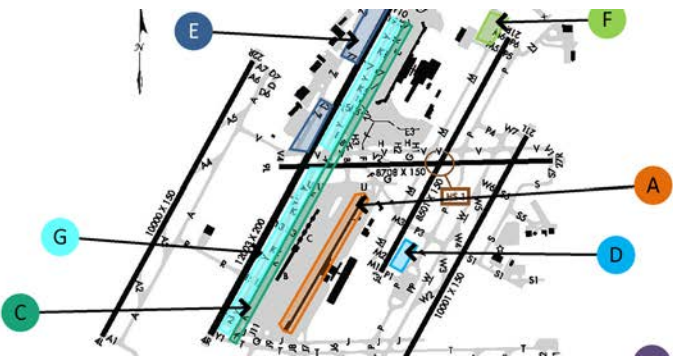
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A	McNamara Apron Rehabilitation	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
B	RWY 9R/27L Rehabilitation																T	T	T	T	T	T	T	T													

	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. 4/1/2023-11/15/2023; 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	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.



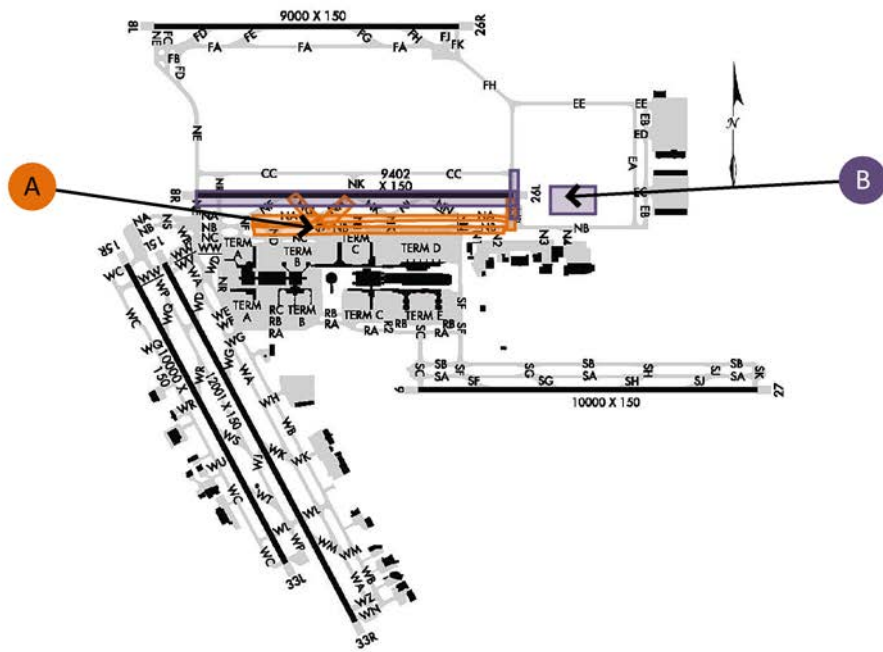
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C	TWY K Rehab - Phases 1 & 2																T	T	T	T	T	T	T	T					T	T	T	T	T	T	T			
D	RWY 3L Deice Pad																T	T	T	T	T	T	T	T														
E	TWY Z Construction																												G	G	G	G	G	G	G	G		
F	RWY 21R Deicing Pad Removal																												T	T	T	T	T	T	T	T		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	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.
D	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.
E	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.
F	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.



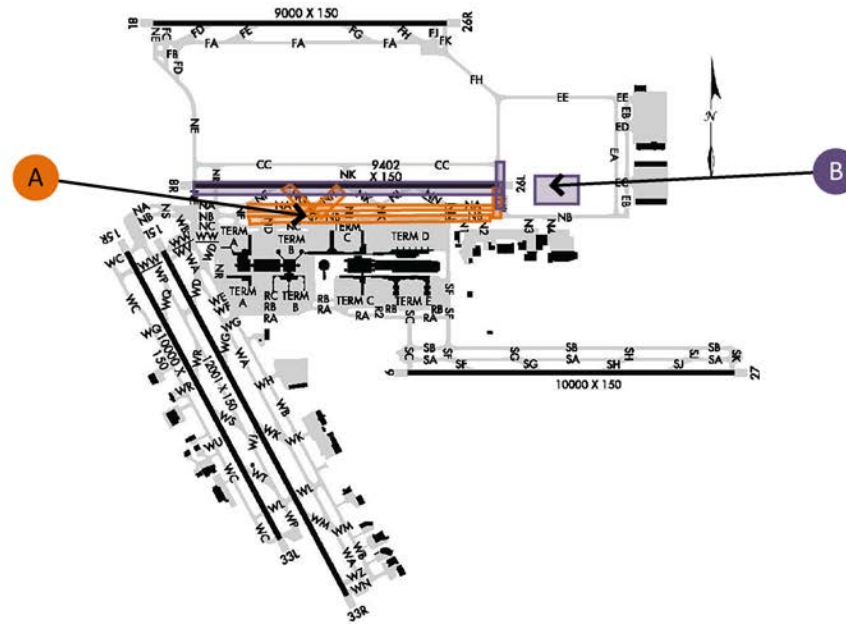
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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
G	TWY Y Rehab - Phases 1 & 2				Y	Y	Y	Y	Y	Y	Y	Y																									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	TWY Y Rehab - Phases 1 & 2	Rehabilitate TWY Y south of RWY 9L/27R. Several runway closures for maintenance will occur during the summer that may be impactful.	04/03/2023 to 11/10/2023	Upcoming	Y	<p>Due to a frequently used construction access road, WCAA requested use of 4R for departures as little as possible. South flow will be used any time it can be safely operated with a crosswind or even a light tailwind.</p> <p>RWY 22L/4R Closure- 4/17 through 5/26 No AAR impact, but ADR could be affected on a North flow due to use of a single departure runway (3L).</p> <p>RWY 22R/4L Closure- 5/30 through 6/16 AAR reduced between 48-66 on South flow, MIT needed for 22L arrivals due to limited turnoffs and shared arrival and departure use. North flow less impacted, but could see AAR reductions if sharing 4R with departures.</p> <p>RWY 21R/3L Closure- 6/19 through 7/7 No AAR impact, but ADR could be affected on a North flow, longer taxi times to utilize 3R for departure (arrivals on 4L/4R)</p> <p>RWY 21L/3R and 27L/9R Closure- 8/21 through 9/29 AAR reduced between 48-66 on South flow, MIT needed for 22L arrivals due to limited turnoffs and shared arrival and departure use. West flow highly impacted with AAR 22 at best due to sharing only 1 runway with arrivals and departures. North flow less impacted but could see AAR reductions if sharing 4R with departures.</p>

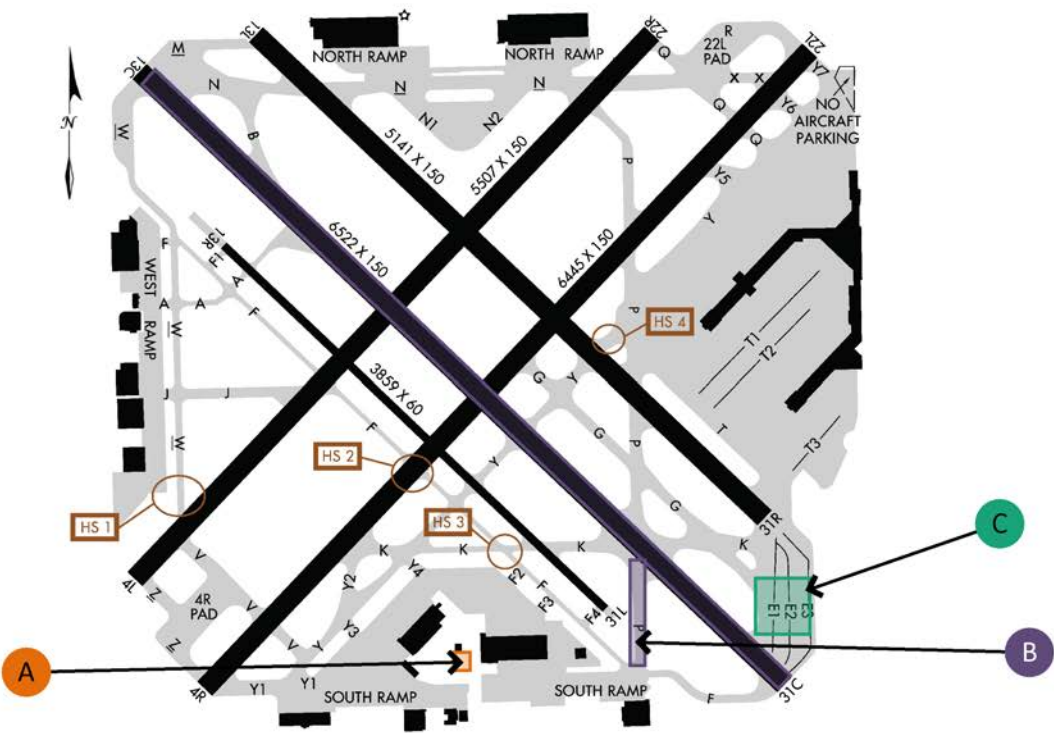


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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	TWY NA	R	R	R	R																																

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	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.	01/16/2023 to 04/30/2023	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.	01/16/2023 to 04/30/2023	In Progress	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.

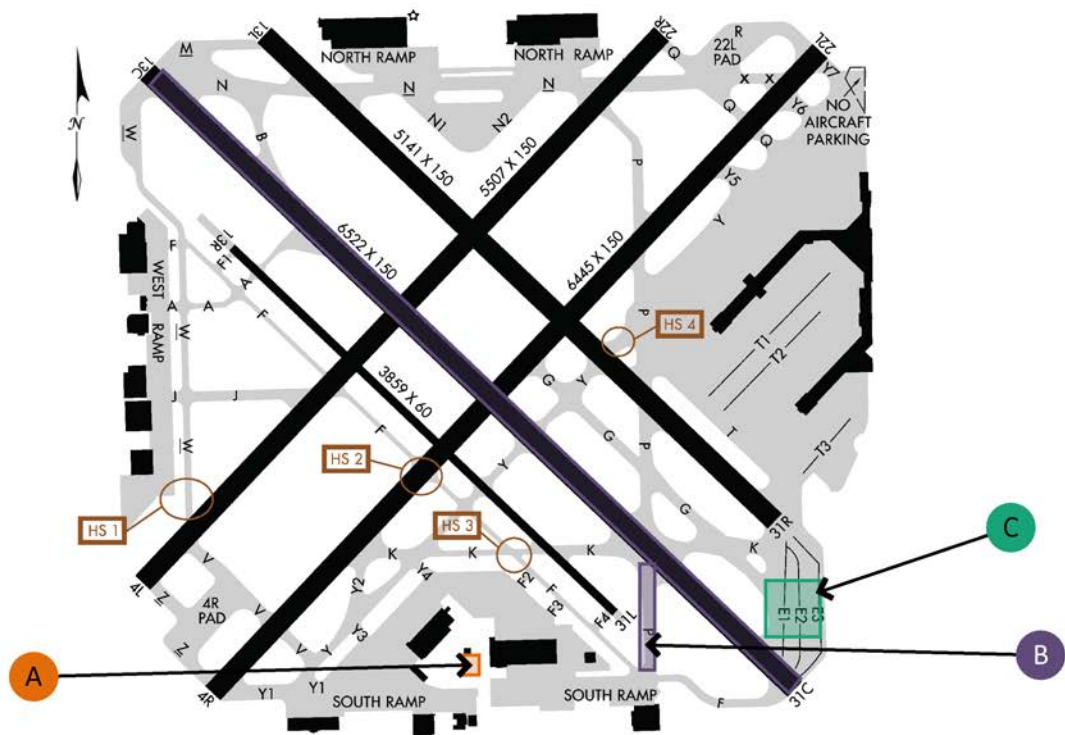
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
B	RWY 26L ALSF Project	Removing all old ALSF equipment/buildings/etc. damaged from hurricane Harvey and building multiple storage buildings, new approach and in-pavement lighting for RWY 26L approach end. This project will be in conjunction with the 3-month RWY 26L closure.	April 2022 to Jan 2023 TBD	Complete	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	Complete	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.	01/16/2023 to 04/30/2023	In Progress	R	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.



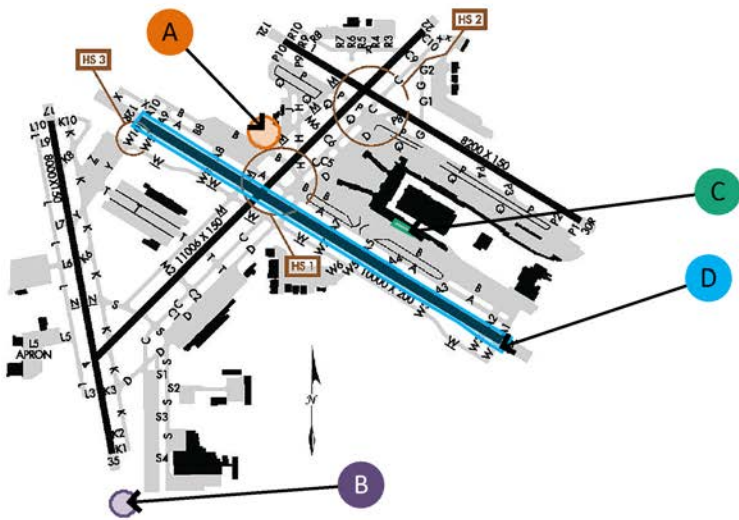
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A	RTR Relocation	G	G	G	G	G																															
B	RWY 13C/31C						T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T														

	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 May 2023	In Progress	G	DC Bus installation beginning in mid-April 2023. Cut over and testing to begin in early May and commissioning in mid to late May 2023.
B	RWY 13C/31C	RWY 13C/31C Pavement Rehabilitation.	06/15/2023 TBD to 11/01/2024 TBD	Upcoming	T	Project planned for 2024. 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.



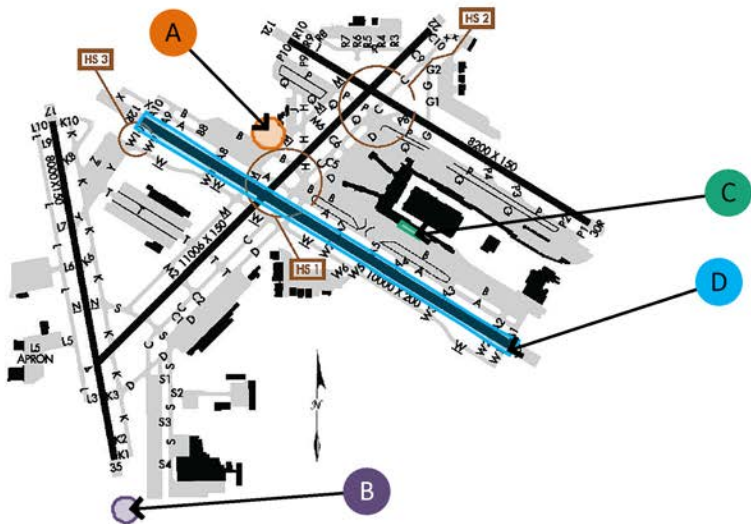
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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
C	TWYs E1, E2, E3					T	T																														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWYs E1, E2, E3	<p>Reconfiguration from three contiguous taxilanes into two discrete taxiways with green space between.</p> <p>Dates are tentative. This plan is pending all reviewers approval.</p>	May 2023 TBD to Jun 2023 TBD	Upcoming	T	Construction activity will normally be limited to 2200-0600 CDT, during which periods Runway 13C/31C will be closed. Runway 4R/22L will normally remain open and available during E1-E2-E3 construction activity. Runway 13C/31C will normally remain open during 0600-2200 CDT with the inactive construction zone, entirely outside of the RSA, barricaded and lighted. Construction will be cancelled on any night that weather or operational circumstances require RWY 13C/31C to remain open. There will be some day time closures.



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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	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													
B	RWY 35 Localizer Platform			G	G																																
C	TWY B/ Concourse G				G	G	G																														

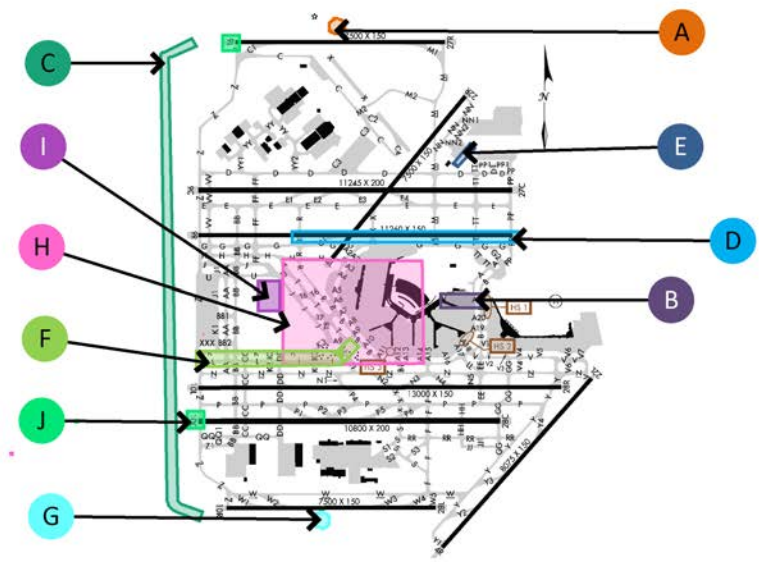
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Safety and Security Station (SSC) and New ARFF Station	Construction of Safety & Security Station (SSC), includes relocation of Airport Rescue & Fire Fighting (ARFF) station-2.	Aug 2022 TBD to 2024 TBD	In Progress	G	Expecting crane impacts 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	RWY 35 Localizer Platform	RWY 35 Localizer platform will be replaced.	03/20/2023 to 04/14/2023	In Progress	G	Minimal impact to users without suitable RNAV capability when localizer is OTS. Estimated completion of platform replacement is 4 weeks.
C	TWY B/ Concourse G	Taxiway B Reconstruction (Gates G9-G11).	04/17/2023 to 06/30/2023	Upcoming	G	Minimal impact to taxi operations and RWY 12R/30L exits near the G Concourse of MSP Terminal 1.



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

Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	<p>RWY 12R/30L RSA Grading Phases 1 & 2</p> <p>RSA Grading to satisfy Part 139 requirements. Runway bituminous shoulder rehabilitation.</p> <p>RWY 12L/30R closed for use by aircraft.</p> <p>RWY 4/22 closed for runway use. Closed for taxi between TWY P and TWY Q.</p> <p>Large portions of TWY P and associated connectors and feeders closed for use by aircraft (P1, P2, P10, M).</p> <p>RWY 12L Deicing Pad closed for use by aircraft.</p>	07/05/2023 to 10/25/2023	Upcoming	Y	<p>VMC: ARR 12R, DEP 12R/17 = 30-35 AAR, 60 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 = 40-45 AAR, 30 ADR (This AAR may be closer to 45 to 48 with no departures, however if we're skipping gaps on one of the runways it would be closer to 40)</p> <p>ARR 35, DEP 12R = 40 AAR, 33 ADR</p> <p>Low VMC: ARR 12L, DEP 12L/17 = 28-30 AAR, 66 ADR</p> <p>ARR 30R/35, DEP 30R = 40-42 AAR, 30 ADR</p> <p>ARR 35, DEP 12R = 36 AAR, 33 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> <p>ARR 35, DEP 12R = 30 AAR, 33 ADR</p>

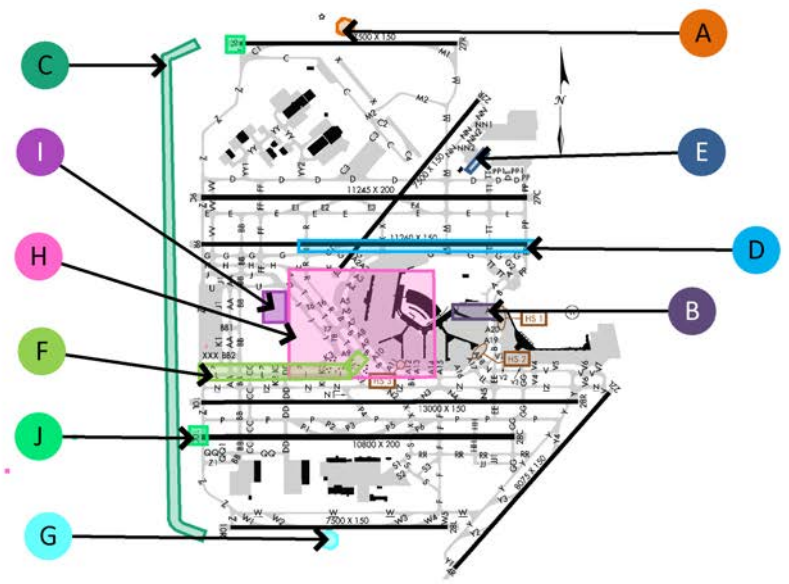
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A	North ASDE	G	G	G	G	G	G	G	G	G	G	G	G																								
B	Lima Concourse	G	G	G	G	G	G	G	G	G	G	G	G																								
C	Western toll-way bypass	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	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.
B	Lima Concourse	AAL Lima Concourse expansion.	Winter 2022 to 2023 TBD	In Progress	G	Construction of additional "Lima" gates. Awaiting utility infrastructure work.
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.

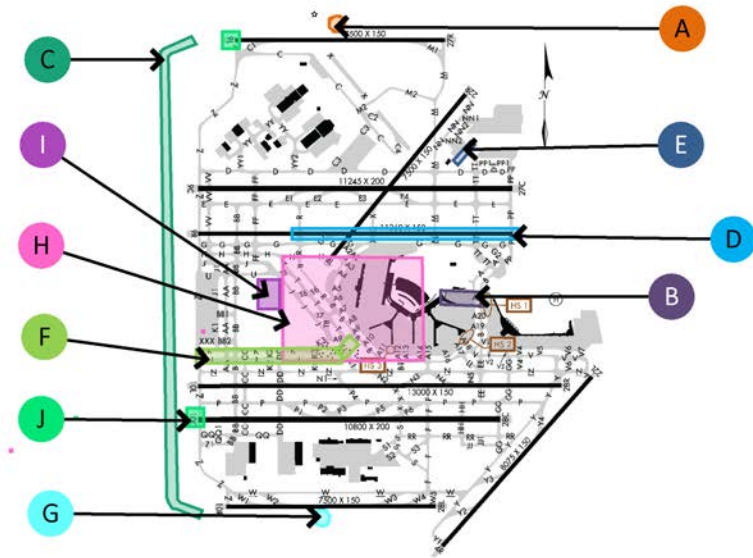
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D	RWY 9R/27L ALS	G	G	G	G	G	G																														
E	NE Cargo Ramp Phase III Construction	G	G	G	G	G	G																														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	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	9R ILS Burn-In at 482 hours as of 2/27/2023. 27L ILS Burn-In completed 12/2022. CAT II/III on 27L planned for March 2023. 9R ALSF -- No significant impact. However, 9R may be unavailable for arrivals during low visibility winter conditions. Not a primary arrival runway, impact minimal. Summer 2023 Commissioning. 27L ALSF Commissioned 10/17/2022. 9R/27L PAPI Commissioning expected March 2023.
E	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 date has been extended.

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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
F	Core TWY Reconstruction	G	G	G	G	G					G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	T	T	T	T	T	T	T	T	T	T	T	T
G	South ASDE	T	T	T	T	T	T	T	T	T	T	T	T																								

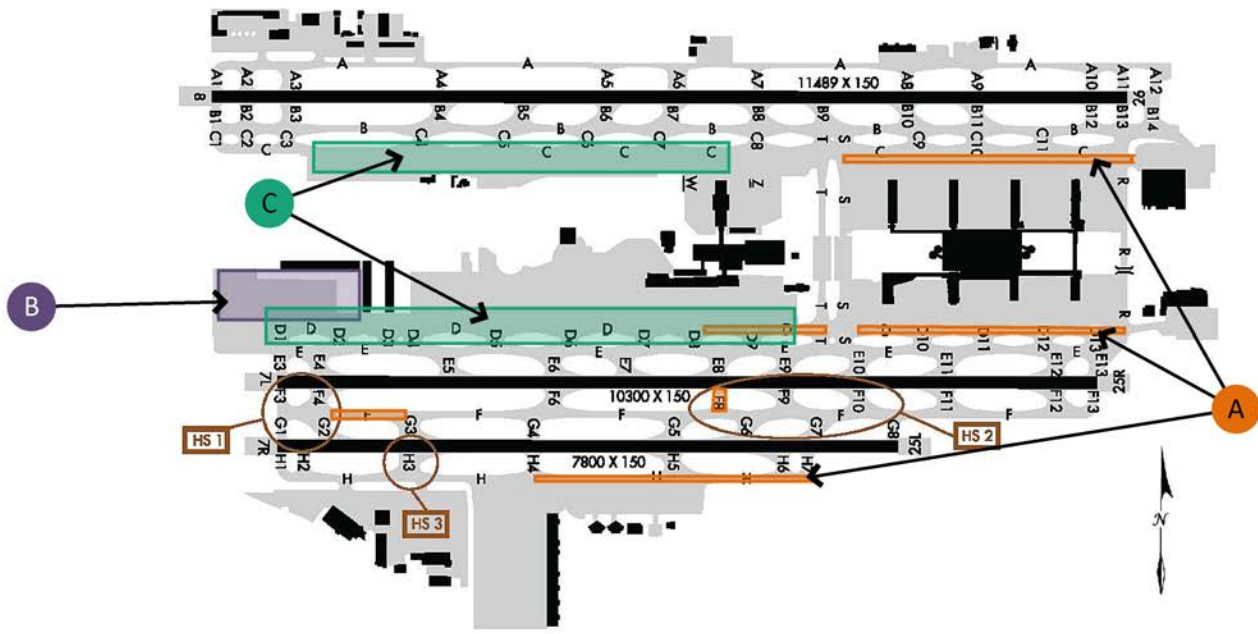
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	Core TWY Reconstruction	Reconstructing TWYs K & L into TWYs A & B.	July 2020 to Q2 2023	In Progress	G	Alternate taxi routes to be utilized during multi-phase construction plan. TWY B closure is scheduled for March 27, 2023. Nightly closures to TWY A9 and TWY K3 upcoming over the next 30-60 days. Reduced capacity and delay impact based possible construction plans, still in review
		Extension of TWY LL.	2024 TBD to 2025 TBD	Upcoming	T	Project planned for 2024-2025 construction season. Extension of TWY LL to the approach end of RWY 22L. Capacity impacts TBD.
		Rehab of TWYs A & B between A/B Bridges to TWY A19.	Fall 2023 to 2024 TBD	Upcoming	G	Expected to be predominantly night work.
G	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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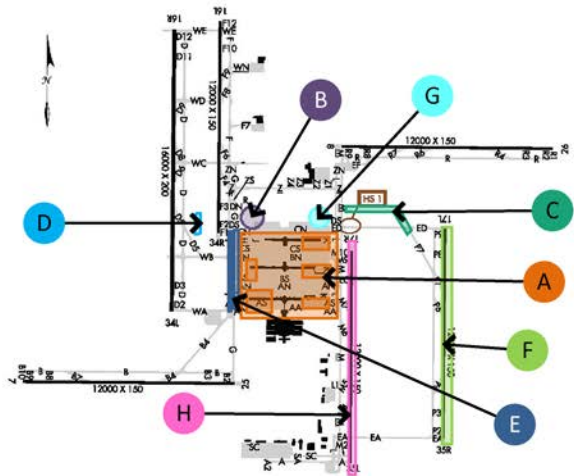
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H	Terminal Area Plan (TAP)	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
I	FAA Facilities Relocation	T	T	T	T	T	T	T	T	T	T	T	T																								
J	RWY 10L ALSF, RWYs 9L & 10C ALSF bridges	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T												

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	Terminal Area Plan (TAP)	Terminal areas redevelopment and construction.	2023 TBD to 2032 TBD	Upcoming	T	Multi-year phased projects. Taxiway closures may change taxi routes and increase taxi in/out times during construction.
I	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. MOA between CDA and FAA signed in February 2023.
J	RWY 10L ALSF, RWYs 9L & 10C ALSF bridges	Additional ALSF infrastructure items for new tollway project.	01/06/2023 to 01/26/2023	Complete	G	
		Additional work for RWY 10L to install end state handrails/stairs.	03/20/2023 TBD to Spring 2023 TBD	In Progress	T	
		9L ALSF-2 bridge project. Estimated dates remain tentative.	2023 TBD	Upcoming	T	
		10C ALSF-2 bridge project. Estimated dates remain tentative.	2024 TBD	Upcoming	T	



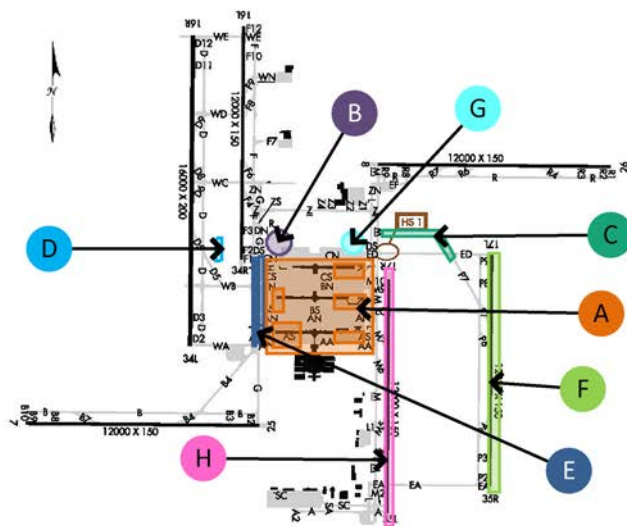
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A	TWYs C, D, F, F8 and H Restricted	G	G	G	G	G	G	G	G	G	G	G	G	G																							
B	West Cargo Rehab Project									G	G	G	G	G	G	G	G	G	G	G																	
C	Infield Paving Project									G	G	G																									

	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, TWY D closed between TWY D8 and TWY T, to aircraft with wingspans greater than 171 feet. TWY F8 closed to aircraft exiting RWY 07L/25.	01/01/2023 to 01/01/2024	In Progress	G	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	West Cargo Rehab Project	Rehabilitation of West Cargo Ramp. Will limit movement on Twy D and E for first 4-6 months	09/01/2023 TBD to 07/01/2024 TBD	Upcoming	G	Start and end dates are current estimates and not finalized. No capacity impact is expected at the airport.
C	Infield Paving Project	Ongoing project to pave infields across the airport.	09/01/2023 to 11/01/2023	Upcoming	G	Start and end dates are current estimates and not finalized. No capacity impact is expected at the airport.



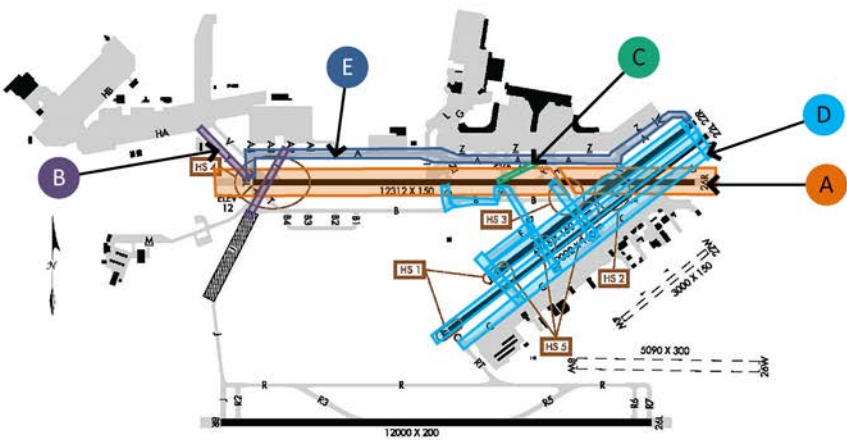
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A	Terminals A, B, & C	G	G	G	G	G	G	G	G	G	G	G	G																								
B	West Deice Pad Expansion	G																																			
C	TWY EE	G	G	G	G	G	G	G	G	G	G																										
D	West Gates DIW Pond	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																					
E	TWYs F & G Rehabilitation																																				

	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	Complete	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	
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	In Progress	G	
E	TWYs F & G Rehabilitation	Rehabilitation of TWY F & G south of TWY CN planned for Summer 2025.	06/01/2025 to 10/01/2025	Upcoming	Y	



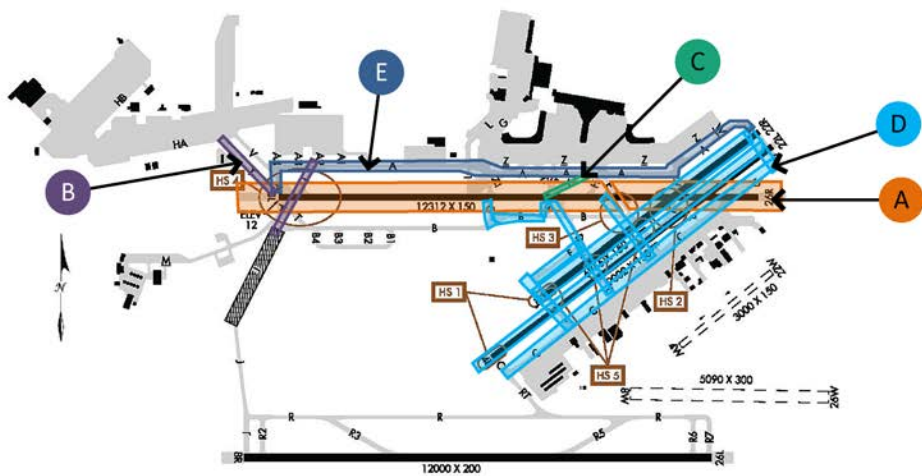
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F	RWY 17L/35R Rehabilitation					Y	Y	Y	Y	Y																											
G	East Delce Pad Expansion						G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G												
H	RWY 17R/35L Rehabilitation																		Y	Y	Y	Y	Y														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	RWY 17L/35R Rehabilitation	Rehabilitation of RWY 17L/35R planned for Spring 2023. 120-day duration on the runway and an additional 20-day duration on the taxiway.	May 2023 to September 2023	Upcoming	Y	This summer's closure of the 17L/35R complex will incorporate four separate projects to maximize the efficiency of the runway's downtime: * 17L/35R pavement and electrical rehab, * Wildlife mitigation drainage improvements * Phase II, taxiway EE phase IV tie-in * FAA's 17L LOC/GS upgrade project The tri-annual emergency response exercise on taxiway EA will be conducted during the complex closure.
G	East Deice Pad Expansion	Expansion of DS East deicing pad to increase capacity.	06/01/2023 to 12/31/2024	Upcoming	G	
H	RWY 17R/35L Rehabilitation	Rehabilitation of RWY 17R/35L planned for Summer 2024.	06/01/2024 to 10/01/2024	Upcoming	Y	



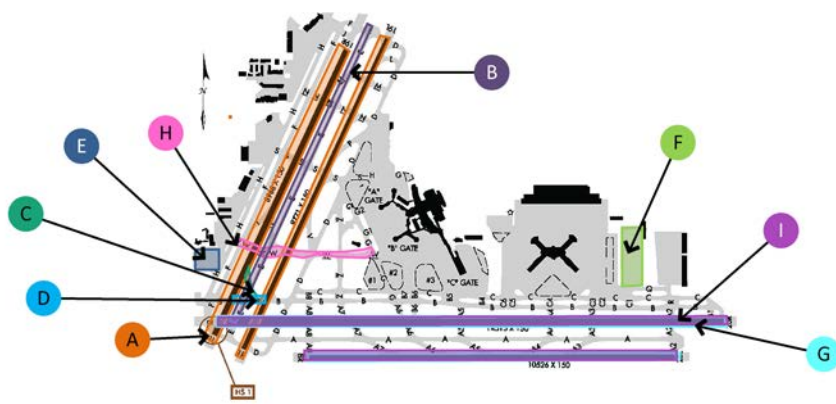
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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	RWY 8L/26R		Y	Y	R	R	Y	Y	Y	Y	Y	Y	Y																								

	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 with 9,100 feet remaining. RWY 8L/26R will be widened from 150 to 200 feet. Phase 1 (East phase) will lasts approximately three (3) months. Remaining Work: to correct the alignment and perform final grooving (East of TWY E).	05/01/2023 to Aug 2023 TBD	Upcoming	Y	Depending on timeline for 8L Phase 2 and RWY/TWY Shoulder Rehab construction. Approximate 3-month duration.
		RWY 8L/26R Phase 2 – Stage 2 Ongoing (west-end closure) with a shortened runway configuration (departures allowed from TWY L).	02/02/2023 to 04/23/2023	In Progress	Y	Expect airborne and departure delays
		RWY 8L/26R Phase 2 – Stages 3 & 4. Stage 3 (center portion of RWY 8L) Full closure.	04/24/2023 to 05/26/2023	Upcoming	R	Expect airborne and departure delays
		RWY 8L/26R Phase 2 – Stages 5 - 9. TWYs V/T and A/8L threshold realignment and adjustments. RWY 8L will have departures and arrivals (during non-construction hours). Construction hours are 0700 to 1700.	05/28/2023 to 12/07/2023	Upcoming	Y	Expect airborne and departure delays
		RWY 8L/26R Phases 2 – Stages 10-12 (nightly closures) for final marking and grooving.	12/08/2023 to 01/26/2024	Upcoming	Y	Expect airborne and departure delays



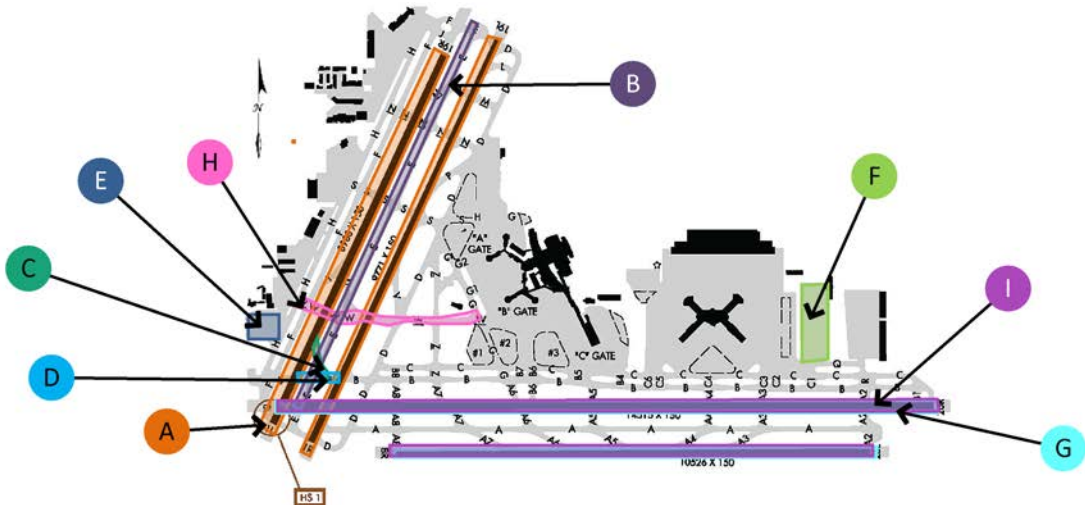
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B	TWYs T and J closures	T	T																																		
C	TWY Y closure	T																																			
D	TWY/RWY Shoulder Rehab	Y	Y	Y	Y	Y	Y	Y	Y	Y																											
E	TWY A Realignment																		T	T	T	T	T	T	T	T	T	T	T	T	T	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	Complete	T	
C	TWY Y closure	TWY Y closed between RWY 8L/26R and TWY A.	11/12/2022 to 01/31/2023	Complete	T	
D	TWY/RWY Shoulder Rehab	Rehabilitate and correct runway and taxiway shoulders per Part 139 inspection.	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.
E	TWY A Realignment	TWY A realignment. Estimated start of construction is June 2024.	Jun 2024 TBD to 2028 TBD	Upcoming	T	Taxiway reconfigurations based on HNL geometry study completed May 2018.



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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	RWYs 1L/19R & 1R/19L rehab	Y	Y		Y	Y	Y	Y																													
B	TWY E Closure		G	G	G																																
C	TWY Y Closure		Y	Y	Y																																
D	TWY B		G	G	G																																

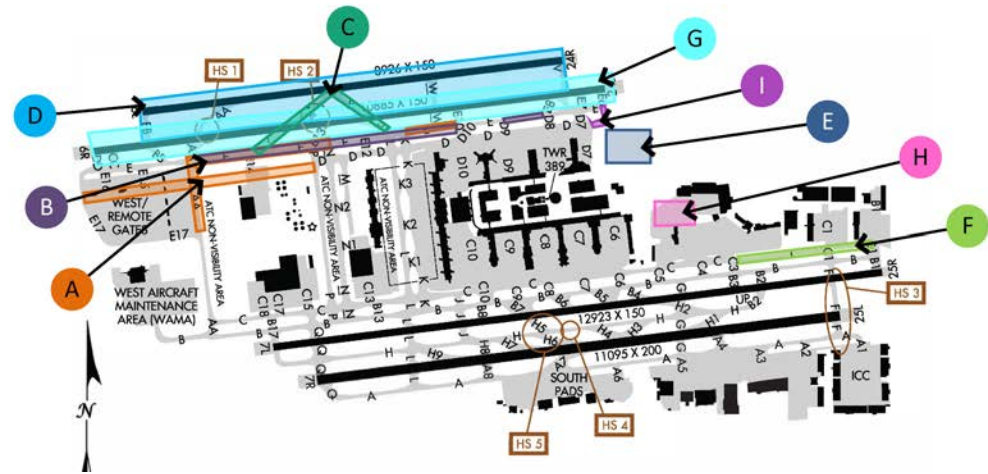
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWYs 1L/19R & 1R/19L rehab	Runway rehabilitation projects planned for associated runway closures.	10/31/2022 to Q1 2023	Complete	Y	The construction phasing plan included RIM work on taxiways.
		RWY 1L/19R Rehab. Joint Seal Replacement and Runway Take Back project.	04/18/2023 to 06/15/2023	Upcoming	Y	The project will affect both runways. RWY 1L/19R is expected to be affected before RWY 1R/19L, and closed for approximately 59 days. The construction phasing plan included RIM work on taxiways.
		RWY 1R/19L Rehab. Joint Seal Replacement and RSA.	06/15/2023 to 07/27/2023	Upcoming	Y	RWY 1R/19L is expected to be closed for 45 days. The RSA portion of work runs 07/18/2023-07/27/2023 and will impact operations on RWY 8L/26R.
B	TWY E Closure	TWY E closed.	02/09/2023 to 04/14/2023	In Progress	G	
C	TWY Y Closure	Included as part of the RWY 1R/19L RSA work.	02/14/2023 to 04/27/2023	In Progress	Y	Construction will impact RWY 1R/19L.
D	TWY B	TWY B closed between RWY 01R/19L and RWY 01L/19R.	02/14/2023 to 04/13/2023	In Progress	G	Efficiency will be impacted on Configuration 3 (depart RWY 1R/L), which will increase the opportunity for departure delays.



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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
E	West Ramp/Apron Expansion (project 3062)	T	T	T	T	T	T	T	T	T	T	T	T																								
F	Hold Pad 7 Reconstruction and Expansion (3032)	T	T	T	T	T	T	T	T	T	T	T	T																								
G	RWY 8/26 drainage (project 3048)	G	G	G	G	G	G	G	G	G	G	G	G																								
H	TWY W Closure	Y	Y																																		
I	Tunnel Project													T	T	T	T	T	T	T	T	T	T	T	T												

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	West Ramp/Apron Expansion (project 3062)	West ramp/apron expansion	2023 TBD	Upcoming	T	
F	Hold Pad 7 Reconstruction and Expansion (3032)	Hold Pad 7 reconstruction and expansion.	2023 TBD	Upcoming	T	
G	RWY 8/26 drainage (project 3048)	Improve Runway 8/26 Drainage.	2023 TBD	Upcoming	G	Reduced Capacity probable. No delay impacts. Taxiway closures may result in reduced efficiency which may result in departure delays.
H	TWY W Closure	Included as part of RWY 1R/19L RSA construction.	01/29/2023 to 02/12/2023	Complete	Y	Construction will impact RWY 1R/19L.
I	Tunnel Project	Paradise Tunnel groundwater addressing.	2024 TBD	Upcoming	T	Design has not been dialed in. Early indications are that runway closures will result in order to dig into the underground tunnel.

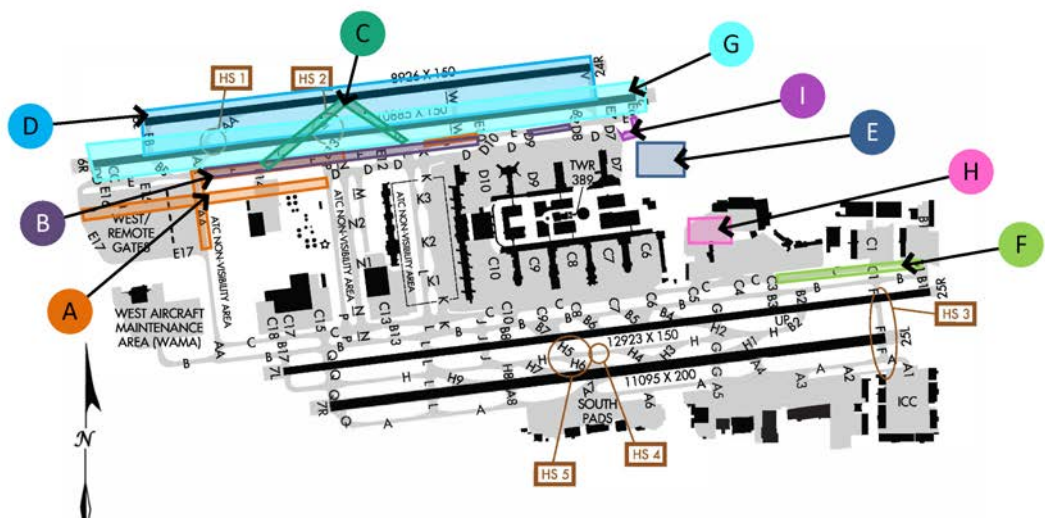
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A	TWY D Extension & TWYs		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																		
B	TWY E					Y	Y	Y	Y		T	T	T	T	T	T	T	T																			
C	Decommission TWYs Y & Z								G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G												

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY D Extension & TWYs	TWY D extension from TWY P to TWY AA. Includes associated new taxiway (W/V) tie-ins to TWY D from TWY E. TWY AA will be closed between TWY E and TWY E17 from May 9-August 6, 2023 Extension of TWY D west of TWY AA to TWY E17 will provide a second full taxiway for RWY 6R/24L.	02/06/2023 to 06/26/2024	In Progress	Y	Longer taxi route expected for aircraft landing and parking on north complex. Mobilization January 2023. Aircraft landing RWY 24R may require back-taxi on RWY 24L during TWY AA closure or taxi west on TWY E to E15 then join E17 to TWY AA. TBD: The completion of TWY D to E17 will start after the Terminal 0 and Terminal 9 projects are complete.
B	TWY E	TWY E closure between TWYs L & W. TWY E closure between TWYs D8 and E10 (TWY D open permanently ADG VI). TWY E closure between TWY E13 and TWY AA.	05/27/2023 to 08/19/2023 10/15/2023 to 12/21/2023 01/19/2024 to 06/26/2024	Upcoming Upcoming Upcoming	Y T T	TWY E Closures to Tie-In of New TWY U from RWY 6R/24L will restrict movement of ADG-VI aircraft and will affect LAX Over Ocean Operations (Noise Abatement)
C	Decommission TWYs Y & Z	TWYs Y and Z between RWYs 6L/24R and 6R/24L will be decommissioned and demolished.	08/20/2023 to 12/31/2024	Upcoming	G	Completion of North Airfield Exit Taxiways (NAET).

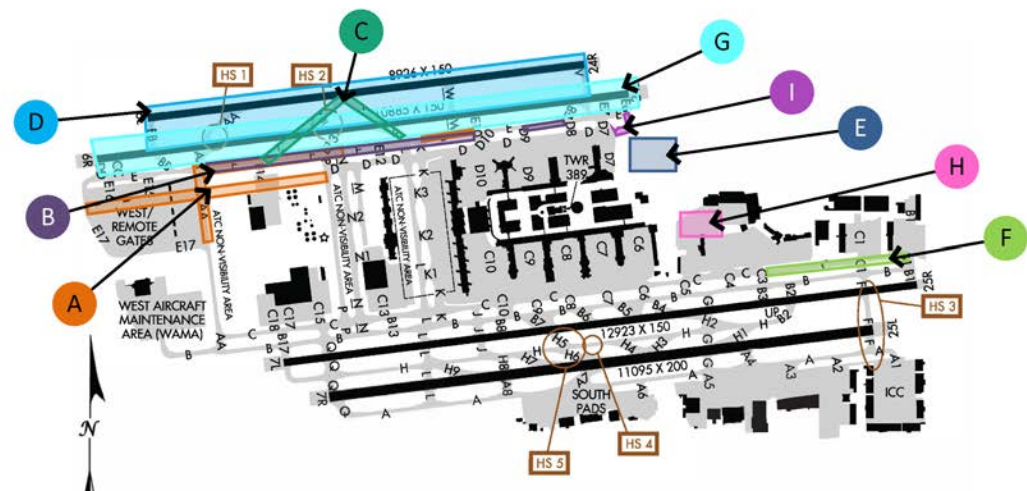
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D	RWY 6L/24R & Exit Taxiways									R	R	R	R																								
E	Terminal 0													G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	

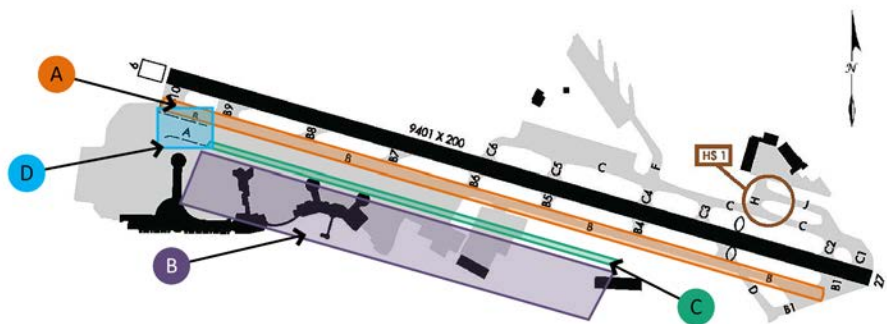
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	RWY 6L/24R & Exit Taxiways	RWY 6L/24R closure to support new exit taxiway construction. Runway work will include 7,100 feet of milling concrete and an asphalt overlay.	09/01/2023 to 12/31/2023	Upcoming	R	<p>January 2023 - Mobilization for North Exit RWYs/TWYs. Construction will lasts from mid-September 2023 to the end of December 2023. (Single CAT II/III RWY)</p> <p>January 2023 - Mobilization for North Exit RWYs/TWYs. AARs-64 VMC; 60-IMC; 29-LIMC(Single CAT II/III RWY) 48-East</p> <p>Nightly closures (0030 – 0630) of Runway 6R/24L January 2, 2024 – January 15, 2024 for survey & field investigations.</p>
E	Terminal 0	New Terminal Gates east of Terminal One. Possibly SWA gates.	2024 TBD to 2025 TBD	Upcoming	G	<p>FAA working with LAWA to finalize schedule and duration. Work anticipated to begin early FY 23.</p> <p>The Terminal 0 construction will be in conjunction with the TWY D and E Easterly Extension Project. Possible crane effects during construction.</p>

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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
F	TWY C Closure (C3 to B1)													G	G	G	G	G	G	G	G	G	G	G	G													
G	RWY 6R/24L Rehab & Exit Taxiways													R	R	R	R	R	T	T	T	T	T	T	T													
H	Terminal 9																									G	G	G	G	G	G	G	G	G	G	G	G	G
I	TWYs D & E Easterly Extension																									G	G	G	G	G	G	G	G	G	G	G	G	G

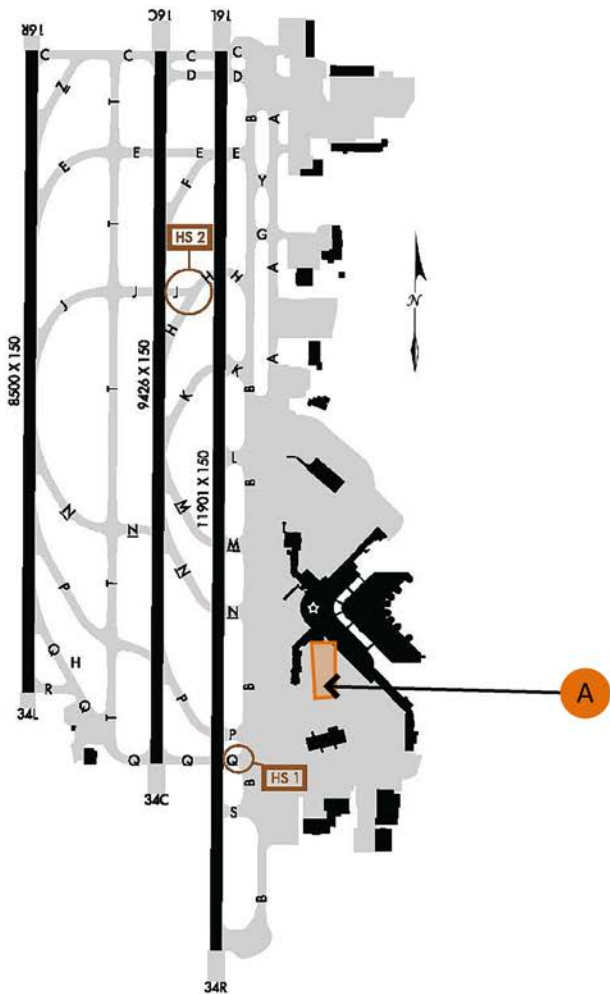
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	TWY C Closure (C3 to B1)	TWY C relocation from C3 to C1 and new TWY C easterly extension from C1 to B1.	2024 TBD	Upcoming	G	Design 2023-2024. This TWY C segment will be designed for ADG VI separation from TWY B.
G	RWY 6R/24L Rehab & Exit 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 or P.	01/16/2024 to 05/31/2024	Upcoming	R	Construction will lasts from JAN 16, 2024 until MAY 13, 2024 AARs-64 VMC; 60-IMC/LIMC; 48-East Taxiway E closed January 19–June 26, 2024 RWY 24L & TWY E closed January 19-May 31, 2024
		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.
H	Terminal 9	New Terminal Gates between C5 and C4. Possibly UAL gates.	2025 TBD	Upcoming	G	Includes extensions of TWYs C. Possible crane effects during construction.
I	TWYs D & E Easterly Extension	Extend TWYs D and E to the east of TWY V.	2025 TBD to 2027 TBD	Upcoming	G	Design 2023-2024. The taxiway construction will be in conjunction with the Terminal 0 project.



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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	TWY B Realignment	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	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
C	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
D	TWY A Relocation RON Aircraft				G	G	G	G	G	G	G	G	G	G	G	G																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY B Realignment	Airside ADP project (in addition to some other work including TWY Alpha) re-aligns TWY Bravo from 362.5' to 400' from the centerline of the runway to centerline of the newly relocated TWY Bravo, west of the electrical vault. TWY B realignment south to allow for required runway separation as well as some geometry changes.	January 2022 to August 2028	In Progress	G	ILS communication fiber lines will be impacted; a reroute is in design.
B	Terminal Replacement	Airport will replace passenger terminals.	05/01/2022 to 01/31/2028	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.
C	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.
D	TWY A Relocation RON Aircraft	Relocation of aircraft parked overnight (RON) Phase 4A/B -- 4/1/2023-9/15/2023 Phase 5A -- 9/16/2023-3/31/2024 Phase 5B -- 3/1/2024-3/31/2024	04/01/2023 to 03/31/2024	Upcoming	G	Limited capacity effect between 0730L-0800L. TMI's likely between 0730L-0800L for +10 minutes to support the relocation of aircraft being towed from the east end of Taxiway Alpha to an assigned Terminal gate.

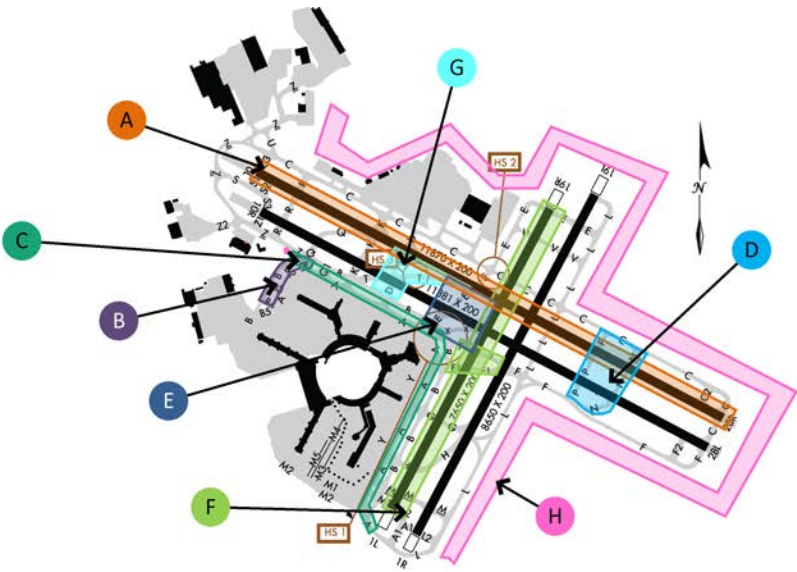
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A	South Ramp				T	T	T	T	T	T	T	T																									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	South Ramp	South ramp construction	04/10/2023 to 12/01/2023	Upcoming	T	

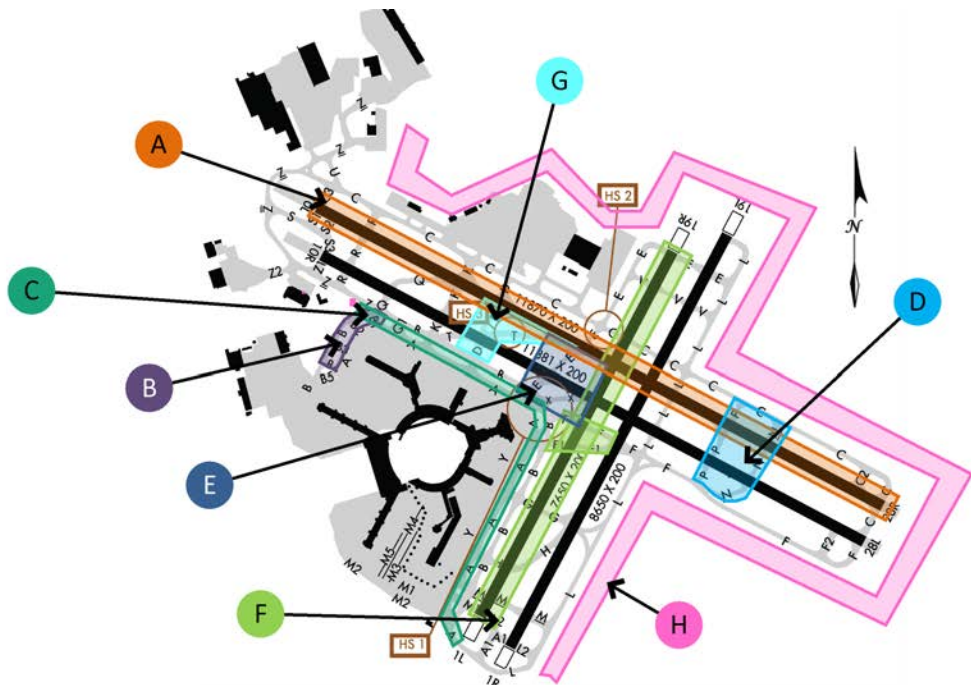
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A	RWY 10L/28R Lighting	T	T	T	T	T	T	T	T	T	T	T	T																								
B	TWYs B1-B4	G	G	G	G	G	G	G	G	G	G	G	G																								
C	TWY A	G	G	G	G	G	G	G	G	G	G	G	G																								
D	TWYs F, N, & P																T	T	T																		
E	TWYs E & J																									T	T	T	T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 10L/28R Lighting	RWY 10L/28R closed for new lighting cable.	2023 TBD	Upcoming	T	No RWY 28R closure as of last briefing.
B	TWYs B1-B4	TWYs B1 to B4 closed for rehabilitation.	2023 TBD	Upcoming	G	Determination to proceed is still unknown.
C	TWY A	TWY A reconstruction.	2023 TBD	Upcoming	G	Determination to proceed is still unknown.
D	TWYs F, N, & P	TWYs F, N, & P reconstruction.	Spring 2024 TBD	Upcoming	T	Determination to proceed is still unknown.
E	TWYs E & J	TWYs E & J reconstruction.	2025 TBD	Upcoming	T	Determination to proceed is still unknown. Future project, exact dates unknown.

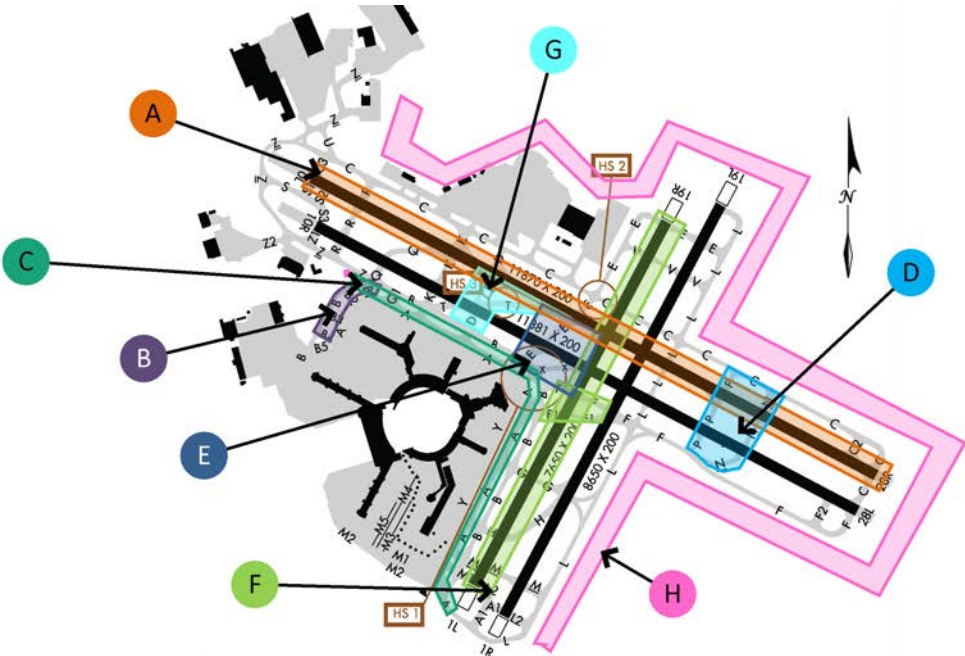
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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
F	RWY 1L/19R & 1R/19L Closures			Y	Y	Y	Y	Y																													

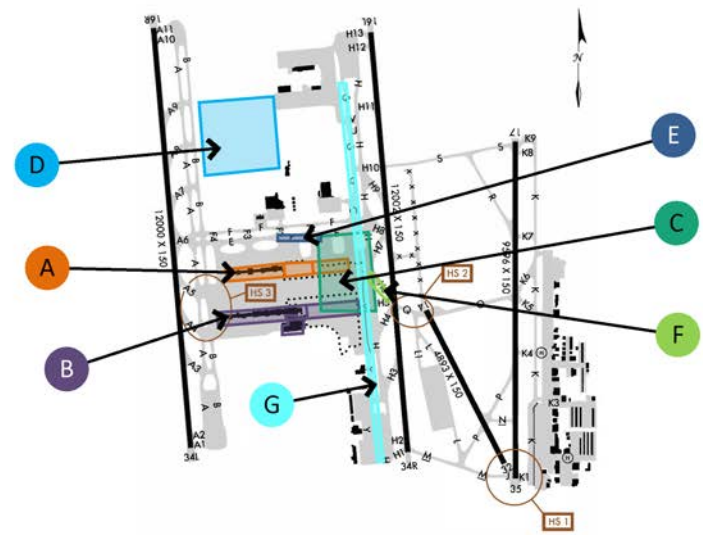
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	RWY 1L/19R & 1R/19L Closures	RWYs 1L/19R and 1R/19L closed for rehabilitation. There will be nighttime closures of RWY 1L/19R for one week starting March 20th. Then on 3/27 full time closures of RWY 1L/19R and 1R/19L will begin.	03/20/2023 to 07/08/2023	In Progress	Y	Repaving runway. Impact will be closure of RWYs 1L/19R & 1R/19L. TWY B closure and impact. Plan is to operate on a 28/28 Right Turn configuration for the entire project. Normal delays for 28/28 reducing over the duration of the closures. RWY 19L can open for SE plan operations with a 2-3 hour notice. The goal is to avoid any issues with needing RWY 19L and it not being ready. The plan is to get the RWY 1L full time closure completed during the two (2) months scheduled, but it is weather dependent. After the RWY opens and after the paving, there are six (6) weeks of nighttime closures for finish work

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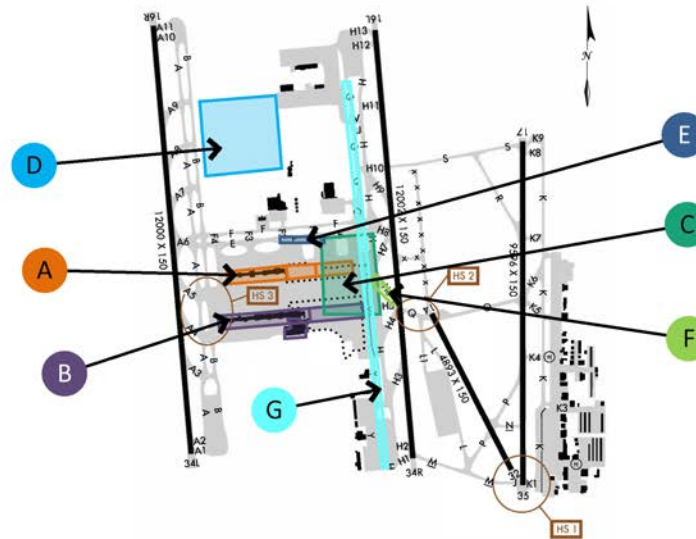
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G	TWYs D & T										R	R	R	R	R	R	R	R	R																		
H	Shoreline Protection Project																									Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	TWYs D & T	TWYs D/T closed for realignment, runway incursion mitigation (RIM) program.	Fall 2023 TBD to Spring 2024 TBD	Upcoming	R	<p>These dates may not be continuous. The current plan is to do part of the project in the Fall of 2023 and part in the Spring of 2024. However, it may need to be delayed beyond that.</p> <p>RWY 28L will be closed for an extended period of time for this project. Dates and duration TBD.</p> <p>Multi-phased project to realign taxiways in order to rectify deficiencies with the existing geometry. Expect increased surface congestion on TWYs A & B.</p>
H	Shoreline Protection Project	Increasing the sea wall around the entire airport.	2025 TBD to 2028 TBD	Upcoming	Y	<p>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.</p>

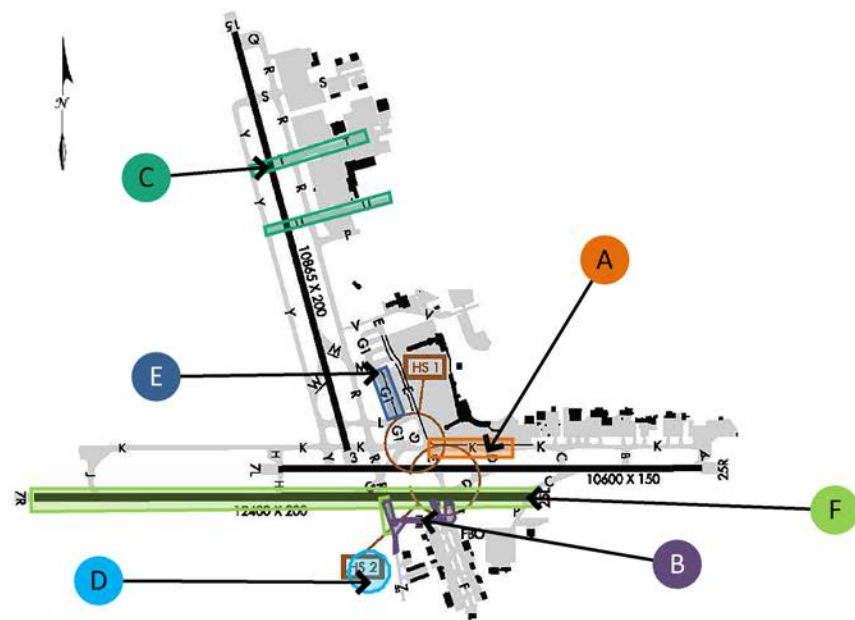


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	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	North Terminal	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G													
B	South Terminal	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G													
C	TWYs G & H / Terminal Area Project	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G													
D	North Cargo Apron Expansion	G	G	G	G	G	G																														

	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	G	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	G	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	G	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. Tie in taxiway B to the north cargo apron.	08/01/2021 to 06/30/2023	In Progress	G	Outside of active movement areas, except when tied into TWY B, which will be a minimal time.

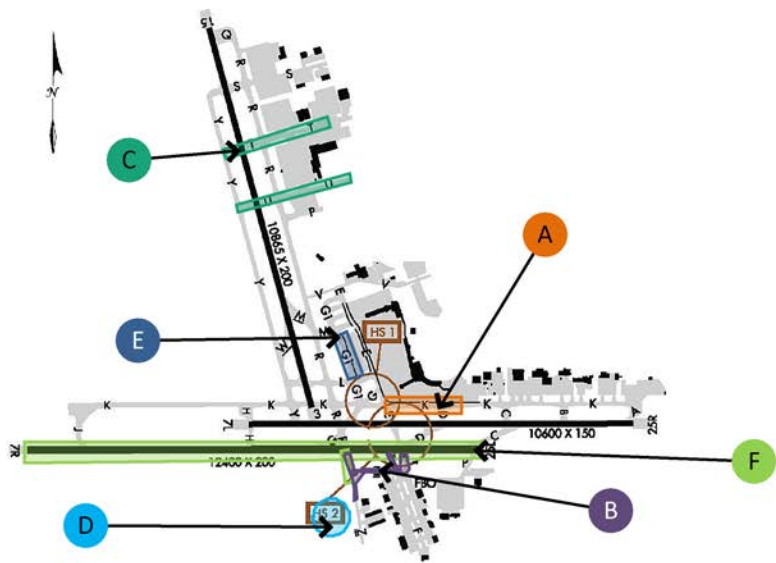
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	TWY E (F1 to F2) Reconstruction	Reconstruct TWY E from F1 to F2.	04/01/2023 to 10/31/2023	Upcoming	T	Only TWY E will be available to move aircraft from the east to west side of the airfield during this project. Part of this project will be in front of the SkyWest hangar and will require a temporary entrance to be installed. Some size restrictions to enter this area. Larger aircraft will use 2E to avoid this area.
F	TWY H6	Tie in 48 inch storm water line adjacent to spot 5.	April 2023 to June 2023	Upcoming	Y	Group V aircraft may require additional taxi times if landing 16L/34R.
G	TWYs G and Y	Tie in the taxiways.	November 2023	Upcoming	Y	Group V aircraft may require additional taxi times if landing 16L/34R.



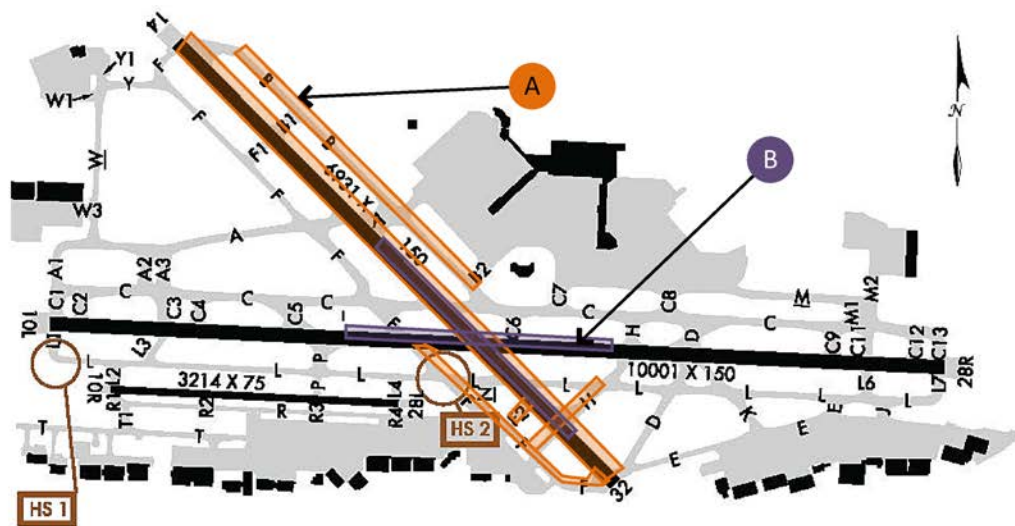
		2023												2024												2025											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	TWY E/K Apron Rehabilitation					G	G	G																													
B	TWY Z West & East Reconstruction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

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	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	
B	TWY Z West & East Reconstruction	TWY Z West - Rehabilitate and widening TWY Z from TWY F to the west and construct new TWY R from from TWY Z to RWY 7R/25L.	05/01/2023 to 10/15/2023	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 - Rehabilitate and widening TWY Z from TWY F to TWY E. Rehabilitate and widening TWY E from TWY Z to RWY 7R/25L.	2024 TBD	Upcoming	T	30-day RWY 7R closure associated with TWY E work.



		2023												2024												2025											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
C	FedEx Ramp and TWYs U & T					G	G	G																													
D	South Air Park						G	G																													
E	R3 and R4 Rehabilitation						T	T																													
F	RWY 7R/25L closure							Y	Y																												

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	FedEx Ramp and TWYs U & T	FedEx will tie in their ramp taxilane to TWYs U & T.	05/15/2023 to 07/15/2023	Upcoming	G	TWY U work completed in 2022. TWY T work will begin in 2023. Minimal impact to TWYs U & T.
D	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.
E	R3 and R4 Rehabilitation	R3 and R4 closed for rehabilitation.	June 2023 to July 2023	Upcoming	T	
F	RWY 7R/25L closure	RWY 7R/25L closed for connection of TWY R to RWY 7R south. Complete project will run April-October 2023.	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.



		2023												2024												2025											
	Project	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
A	RWY 14/32 Rehab (includes shoulder and taxiways)					T	T	T	T	T	T	T	T	T	T	T	T																				
B	RWYs 14/32 & 10L/28R Intersection Project									T	T																										

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 14/32 Rehab (includes shoulder and taxiways)	Rehabilitation of TWYs B, F, and H and the shoulders on RWY 14/32. Closure is expected to last approximately 321 days.	May 2023 to Apr 2024 TBD	Upcoming	T	<p>RWY 14/32 closure and intersection project will occur simultaneously. No work will occur during the Labor Day weekend Friday-Monday.</p> <p>Projects scheduled for this timeframe to avoid potential disruptions to future operations. Work to be completed:</p> <ul style="list-style-type: none">• Rehab/Reconstruct TWYs B & F south of RWY 10L/28R• Demolish TWY F2• Rehabilitate TWY H between RWY 14/32 & TWY F• Rehabilitate RWY 14/32 Shoulders• Rehabilitate TWY H between RWY 14/32 & TWY L
B	RWYs 14/32 & 10L/28R Intersection Project	RWYs 10L/28R & 14/32 intersection work. Nightly closures 2230-0530 local (Monday-Friday morning).	09/05/2023 to 10/31/2023	Upcoming	T	Both runways will be closed during these periods and expected to last 8 weeks. Intersection work may continue through November 15, 2023 if inclement weather impacts the schedule. RWY 14/32 closure and intersection project will occur simultaneously.