

Q4-2022 Airport Construction Impact Report



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

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

October 01, 2022
Compiled by: AJR-G5
POC: 9-AJR-Construction-Report@faa.gov

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



**Federal Aviation
Administration**

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IATA Airport-Level Designations

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

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

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

Color

Construction Impact Key

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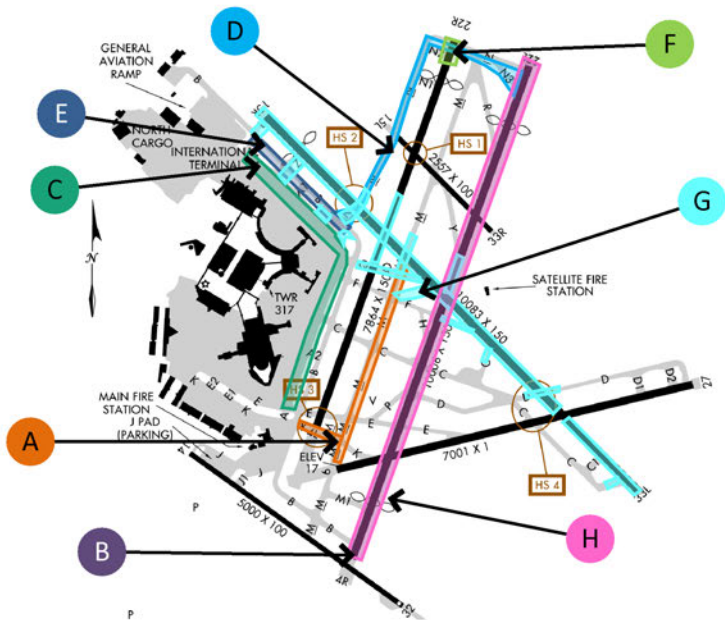
No Capacity Effect – Departures taxi delays and/or Arrivals airborne holding delays are 15 minutes or less

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

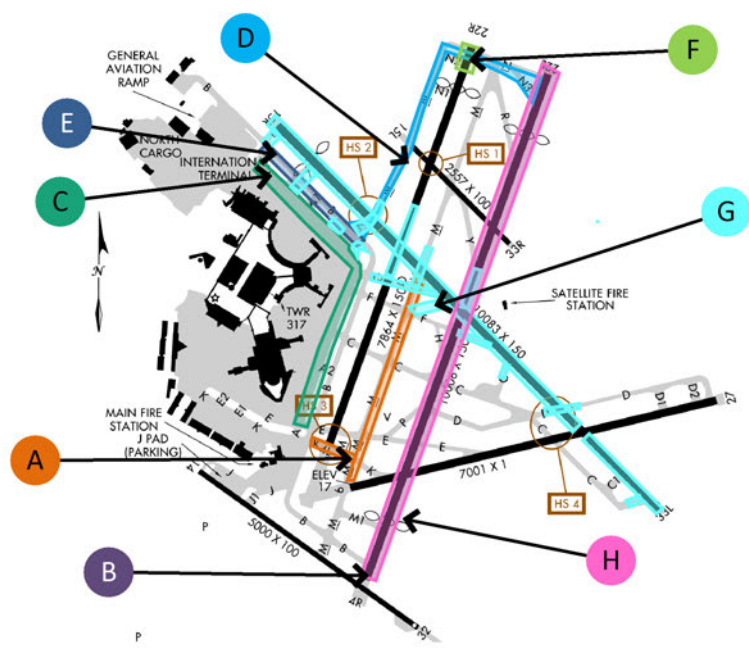
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Reduced Capacity and Greater Delay Impact – Departures taxi delays and/or Arrivals airborne holding delays greater than 45 minutes



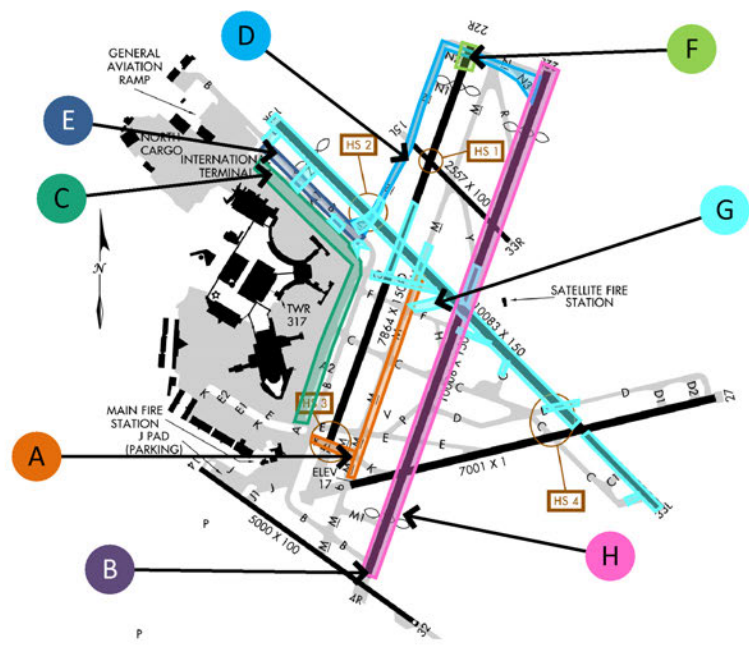
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A	TWY M Rehabilitation	G	G	G																																	
B	RWY 4R	G	G	G																																	
C	Upgrade TWY A Centerline Lighting							G	G	G	G	G	G	G	G	G	G	G	G																		

Project	Description of Work	Estimated Dates	Status	Impact	Notes
A TWY M Rehabilitation	TWY M closed for rehabilitation.	05/01/2022 to September 2022	Complete	G	A portion of TWY K will also be rehabilitated within the RSA for Runway 4L-22R, which requires the runway to be closed. Expect a 36-hour closure likely on a Friday night through Sunday morning.
B RWY 4R	Multiple closures of RWY 4R for declared distance changes and centerline work.	05/01/2022 to 09/30/2022	In Progress	G	RWY 4R declared distances change and centerline work. This will not be an impactful closure, because the runway will only be closed during "opportunistic" times, when the closure will have a minimal impact on the airport operations.
C Upgrade TWY A Centerline Lighting	Replace existing centerline lights and install new lights to meet SMGCS requirements. Will require multiple closures along the length of the taxiway.	2023 TBD	Upcoming	G	Portions of the taxiway will be closed during 'opportunistic' times such as overnight or when there will not be an impact to traffic or airline gates.



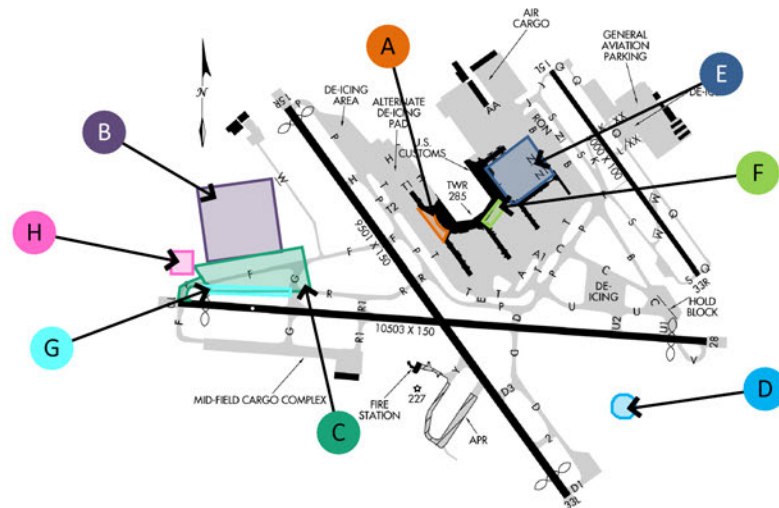
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D	TWY N Rehabilitation																												Y	Y	Y						
E	TWY B North Rehabilitation																												G	G	G						
F	RWY 22R Pavement Replacement																												Y	Y	Y						

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



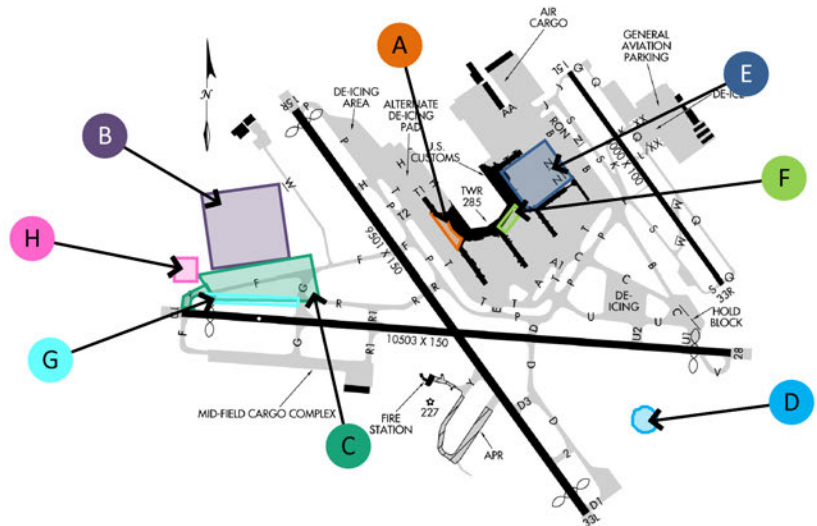
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G	RWY 15R/33L Rehab														Y	Y	Y								
H	RWY 4R/22L Lighting Replacement																G	G	G						

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	RWY 15R/33L Rehab	Closure or multiple closures of Runway 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 and various FAA lines of business, as well as Summer Tunnel closure traffic impacts. Project impact currently expected to be yellow/red status, TBD.
H	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 Runway 4R/22L and adjoining taxiways.	Fall 2023	Upcoming	G	The runway will only be closed during "opportunistic" times, when the closure will have a minimal impact on the airport operations such as overnight or NW wind configurations.



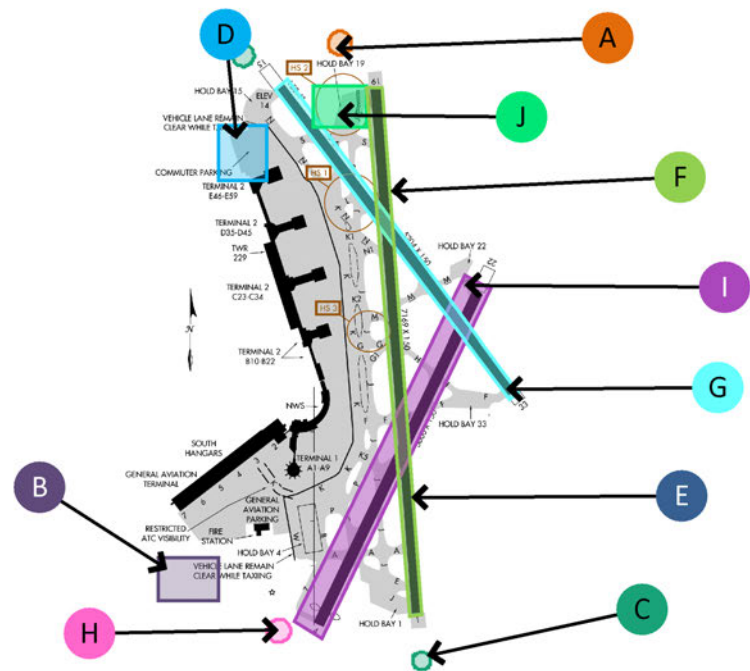
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A	Concourses A/B BHS	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
B	Airline Hangar	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G												
C	TWY F - Phases 1 & 2	G	G	G	G	G	G	G	G	G	G	G	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
D	RTR relocation	G	G	G	G	G	G																														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Concourses A/B BHS	Terminal Improvements for the Concourse A/B Interconnect. Baggage Handling System (BHS)	December 2021 to March 2026	In Progress	G	Upgrading the existing BHS at the A/B Connector serving Southwest's international baggage. Location of new BHS will allow the existing system to remain in service.
B	Airline Hangar	Construct Airline Maintenance Hangar.	02/01/2022 to Spring 2024 TBD	In Progress	G	Southwest Airlines (SWA) plans to construct and operate an aircraft maintenance facility.
C	TWY F - Phases 1 & 2	Construct an extension to TWY F that will lead into the new Airline Maintenance Hangar.	Spring 2022 TBD to Spring 2023 TBD	In Progress	G	This construction will not effect RWY 10/28 or TWY F. Requires the relocation of the RWY 10 ALSF 2 shelter and west airfield communication cables. NTP was issued on 2/7/22.
		Relocate TWY Foxtrot to allow for future construction of a dual taxiway system extending to the west from RWY 15R/33L. This includes extending TWY F to the approach end of RWY 10.	2023 TBD to 2028 TBD	Upcoming	T	Requires the relocation of the RWY 10 ALSF 2 shelter and west airfield communication cables owned and maintained by FAA. This timeframe may also include the extension of TWY R.
D	RTR relocation	Relocate the Remote Transmitter Receiver (RTR) near the VOR and install a Primary Wind Cone.	Spring 2022 to Fall 2022	In Progress	G	



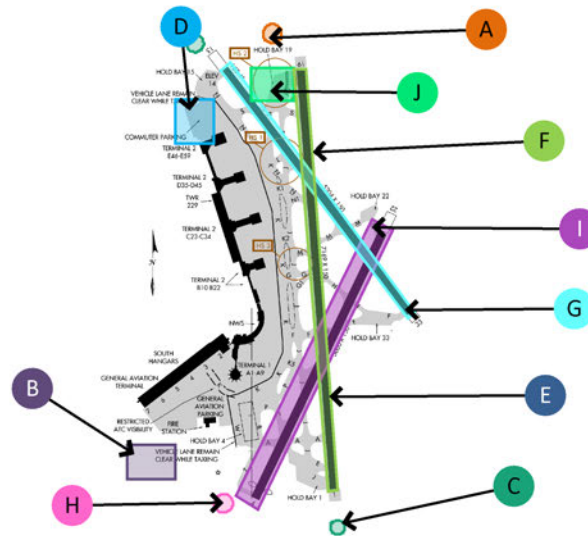
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E	Taxilanes N & N1				G	G	G	G	G	G	G	G	G																								
F	Terminal C/D Connector							T	T	T	T	T	T	T	T	T	T	T	T																		
G	TWY R Extension							T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
H	RWY 10 ALSF-2										T	T	T	T	T	T	T	T	T																		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	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.	Fall 2022 to Spring 2023	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.
F	Terminal C/D Connector	Construct Terminal C/D Secure Connector, Future FAA ATCT, FAA and Maryland Aviation Administration (MAA) Administration Area.	2023 TBD	Upcoming	T	The Concourse C/D secure interconnect project is the final terminal interconnect needed to allow passengers to walk between all concourses without leaving TSA secured space.
G	TWY R Extension	Extend TWY R to create a dual taxiway system extending to the west from RWY 15R/33L.	2023 TBD to 2028 TBD	Upcoming	T	The project area will include an extension of parallel TWY R from TWY G to the RWY 10 threshold. Project is delayed until further notice.
H	RWY 10 ALSF-2	Relocate the Runway 10 ALSF-2 Substation and backup power equipment.	Apr 2023 TBD to 2023 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. Date is likely to slip.



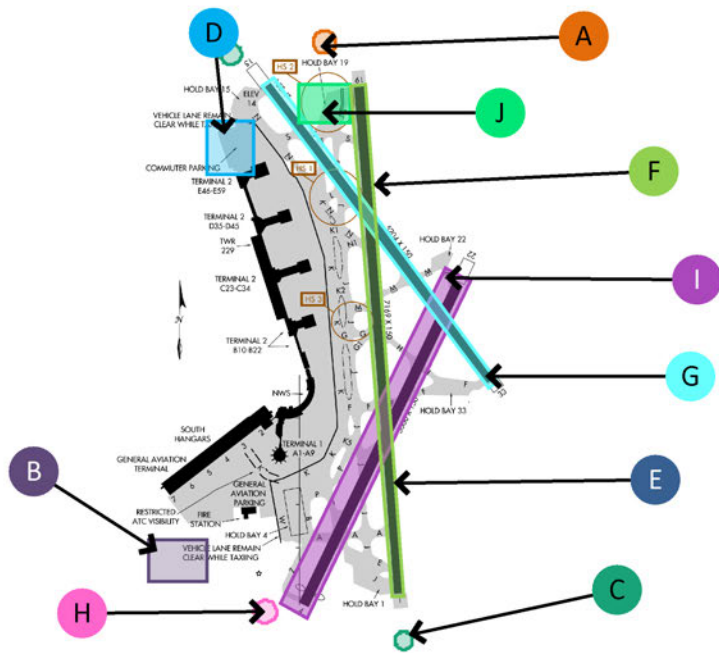
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A	RWY 19 Crane Ops (Amazon & Crystal City)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y									
B	Lighting Vault Relocation	G	G	G	G	G	G	G	G	G	G	G	G												

	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.



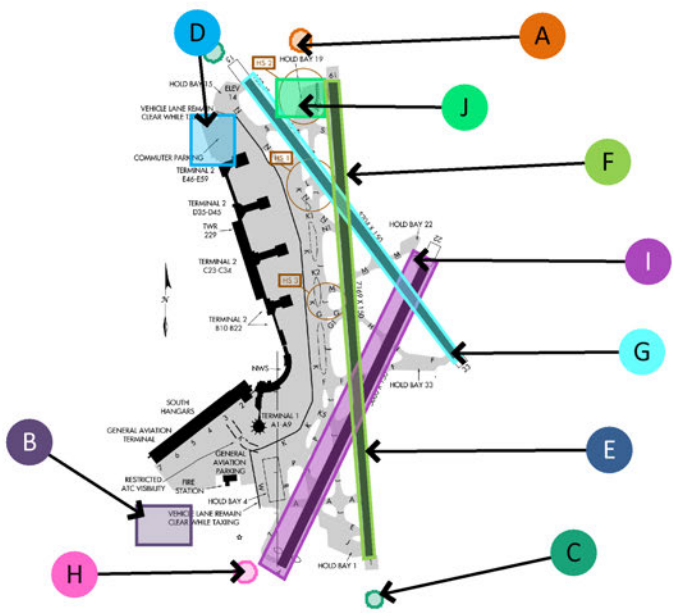
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C	Electrical Line Upgrades	G	G	G																																	
D	RWY 15 Hold Bay				G	G	G	G	G	G																											
E	RWY 1/19											Y	Y	Y	Y	Y	Y	Y					Y	Y	Y	Y	Y										

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	Electrical Line Upgrades	New cable will be installed from the TV-150 vault to the RWY 15 Glide Slope and the RWY 1 Localizer.	03/15/2022 to Summer 2022	Complete	G	Collaborated installation with the FOTS Program. New outer marker power service will be established. Work will occur during midnight operations.
D	RWY 15 Hold Bay	RWY 15 Hold Bay will be expanded.	Fall 2022 TBD to Winter 2023 TBD	In Progress	G	Mostly overnight work.
E	RWY 1/19	Reconstruction of RWY 1/19. The Metropolitan Washington Aviation Authority (MWAA) initiated a project to rehabilitate RWY 1/19 and RWY 15/33 in the 2023 and 2024 construction seasons. The construction will entail removing and replacing the existing asphalt pavement partial depth (6" - 9"). The construction will impact the RWY 1/19 centerline lights and RWY 1 Touchdown Zone (TDZ) lights where these facilities will be out of service for an extended period of time.	May 2023 to November 2023	Upcoming	Y	The project is scheduled to take two construction seasons (Mar - Nov) beginning in 2023 and finishing in 2024 with two winter shutdowns (Dec - Feb). All work will occur at night (2300-0600) with temporary runway closures. Both runways will be open each day. Runway closures will be mutually exclusive except for the runways intersection work.
		Continuation of reconstruction of RWY 1/19 project.	April 2024 to August 2024	Upcoming	Y	



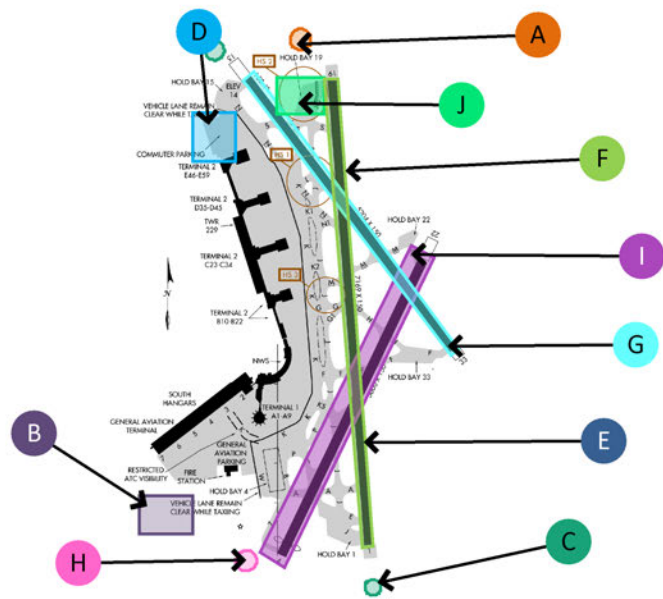
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F	RWY 1/19 Continued											Y	Y	Y	Y	Y	Y	Y																			

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	RWY 1/19 Continued	Reconstruction of RWY 1/19.	May 2023 to November 2023	Upcoming	Y	<p>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).</p> <p>RWY 1/19 procedures will be impacted with the loss of the runway centerline and TDZ lights. The visibility minimums for ILS or LOC RWY 1 will be raised from 1800 RVR to 2400 RVR. No impacts to ILS RWY 1 (SA CAT I 1400 RVR) or ILS RWY 1 (CAT II 1200 RVR) approach procedures. RWY 1 and RWY 19 takeoff minimums will be raised from 500 RVR to 1000 RVR with the loss of runway centerline lights.</p>



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	Project	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	JAN	FEB	MAR	APR	MAY	JUN
G	RWY 15/33 - Phases 1 & 2											G	G	G												G	G	G	G								

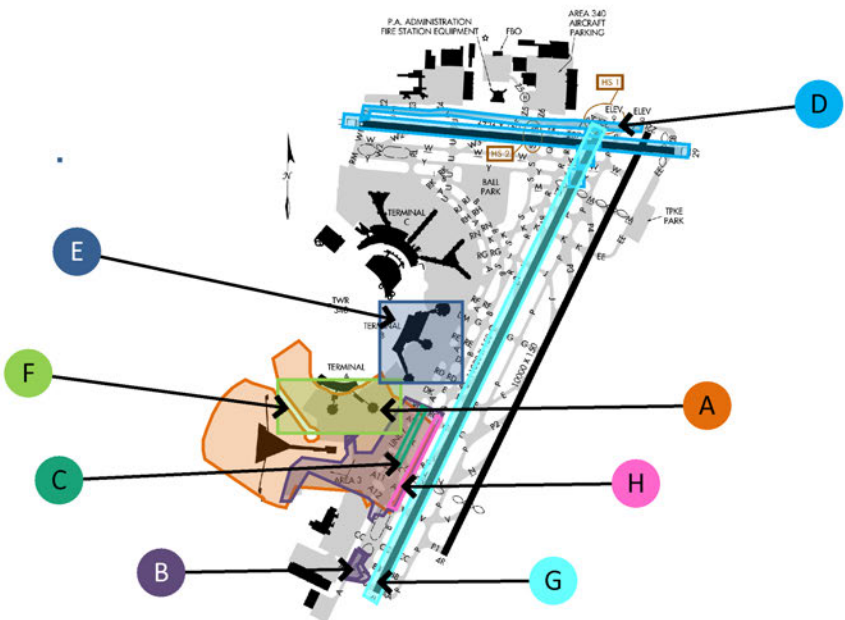
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	RWY 15/33 - Phases 1 & 2	Phase 1 - Reconstruction of Runway 15/33.	April 2023	Upcoming	G	Weekend and nightly closures. RWY 4/22 will be impacted because RWY 4 will be available for departures only during the closures.
		Phase 1 - RWY 15/33 project completion.	June 2023 to July 2023	Upcoming	G	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.
		Phase 2 - Continuation of reconstruction of RWY 15/33 project.	July 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.
		Phase 2 - RWY 15/33 project completion.	August 2024 to October 2024	Upcoming	G	



		2022						2023												2024												2025						
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H	RWY 4 Crane ops	G																																				
I	RWY 4/22	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G									
J	RWY 19 Hold Bay (RIM)																																			G	G	G

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	RWY 4 Crane ops	Two temporary cranes 0.8NM SW of RWY 4.	02/01/2022 to 07/31/2022	Complete	G	In preparation of the RWY 1/19 & 15/33 rehabilitation projects, RWY 4 has been closed for arrivals only. RWY 22 is closed for both departures and arrivals due to the rehabilitation project and asphalt plant.
I	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	
J	RWY 19 Hold Bay (RIM)	Reconfiguration and expansion of Hold Bay 19.	Spring 2025 to Spring 2028	Upcoming	G	Mostly overnight work.

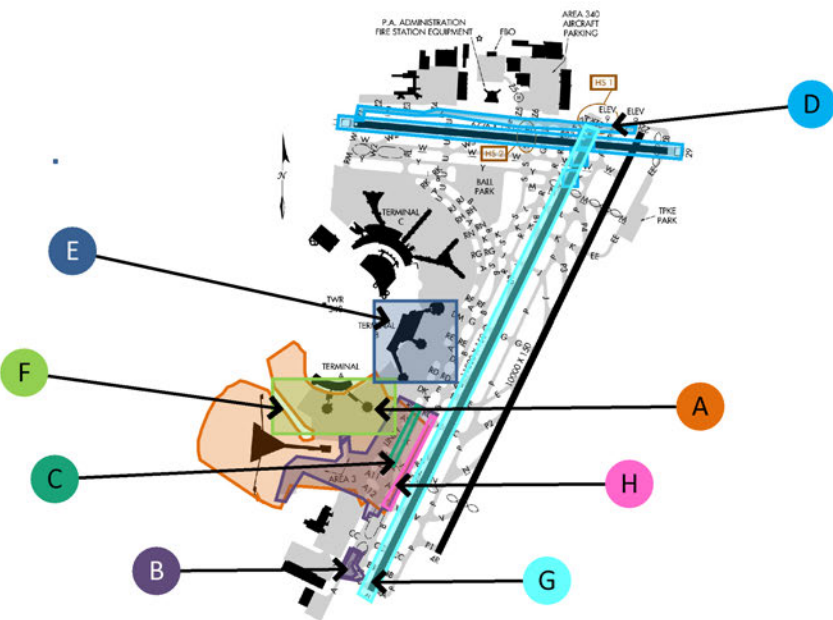
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A	New Terminal A	Y	Y	Y	Y	Y																															
B	New Terminal A Ramp	Y	Y	Y	Y																																

	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 11/01/2022 TBD	In Progress	Y	Multi-phased project. Expect taxiing delays in/out due to ramp congestion. Partial Terminal Opening, Fall 2022 (21 Gates). Full Terminal Opening, Q4-2022 (33 Gates)
B	New Terminal A Ramp	Rehabilitation and paving of South TWYs and ramp areas. Current scope includes new TWYs A9, A10, A11, A12 and F. Some stages to be deferred 1-3 years. Schedule TBD.	01/01/2018 to 10/20/2022 TBD	In Progress	Y	Construction of New Terminal A Ramp Area (both North and South) in non-ATCT Movement Area including Taxiways in progress. Work continues with alternating closures. Construction of New Taxiways (A9, A10, A11, A12 and F) completed and placed into service on 7/1/21. Expect Ramp Congestion and Delay.

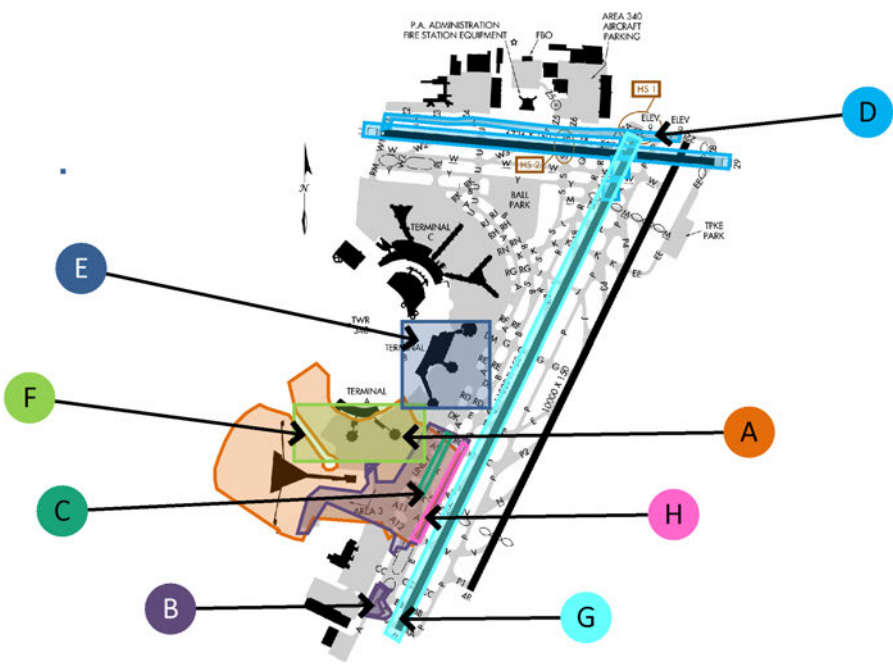
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C	TWY A	T	T	T																																	
D	TWY Z and RWY 11/29 Centerline Light project			Y																																	
E	Terminal B Ramp Rehab			T																																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY A	TWY A closed between TWY RC and TWY A10, TWY A9 closed between TWY A and LINDY. TWY A10 closed to aircraft with wingspans greater than 118FT.	05/04/2022 to 09/20/2022	Complete	T	
D	TWY Z and RWY 11/29 Centerline Light project	Interim rehabilitation of TWY Z and centerline light replacements. Replace centerline lights for the intersection between runways 4L/22R and 11/29. Planned 9-day closure.	09/09/2022 to 09/17/2022	Complete	Y	Addressing the Hot Spot (HS1), located at RWY 22R and TWY Z intersection, condition. Replace 3 Center line lights at intersection of RWYs 11/29 & 4L/22R to remove Modifications of Standards (MoS). RWY 4L/22R shortened, RWY 11/29 Closed, RWY 4R/22L open.
E	Terminal B Ramp Rehab	Terminal B Ramp Rehab.	September 2022	Complete	T	

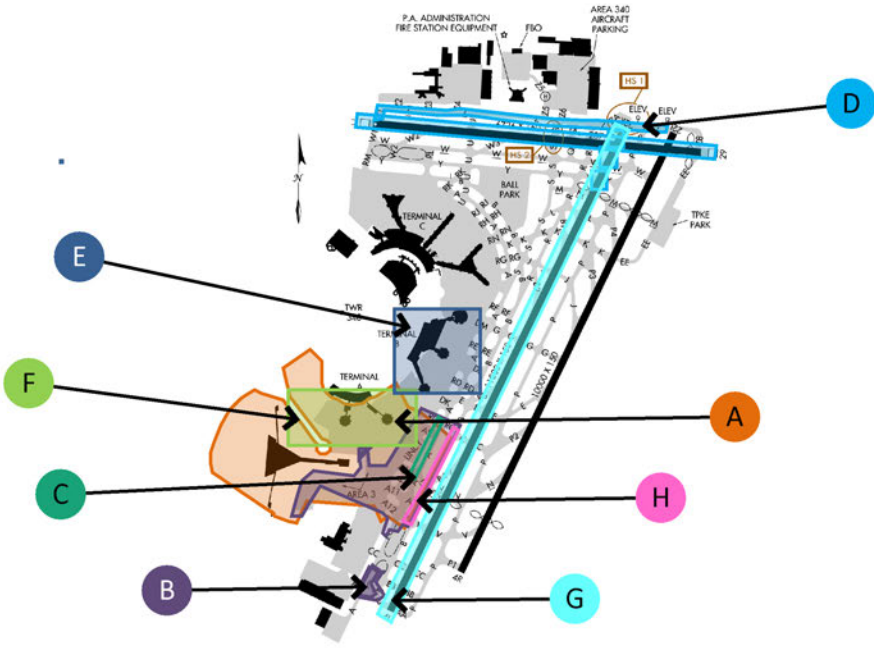
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F	Terminal A Redevelopment and Demolition Project	Y	Y	Y	Y	Y	Y	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T							

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	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 2022 TBD	In Progress	Y	Some phases may add to taxi times more than others especially during IROP/SWAP conditions due to reduced staging areas. Expect Ramp Congestion and Delay. Project planned to take approximately 3 years to complete. Project Split into seven (7) stages and sub-stages. Project work will generally be performed from West to East. Demolition of western-most Concourse (A1) in progress (September 2022). Terminal A partial demolition in progress and to continue after partial opening of New terminal A.
		Continuation of the Terminal A Redevelopment project.	2023 to 2024	Upcoming	T	Some phases may add to taxi times more than others especially during IROP/SWAP conditions due to reduced staging areas.

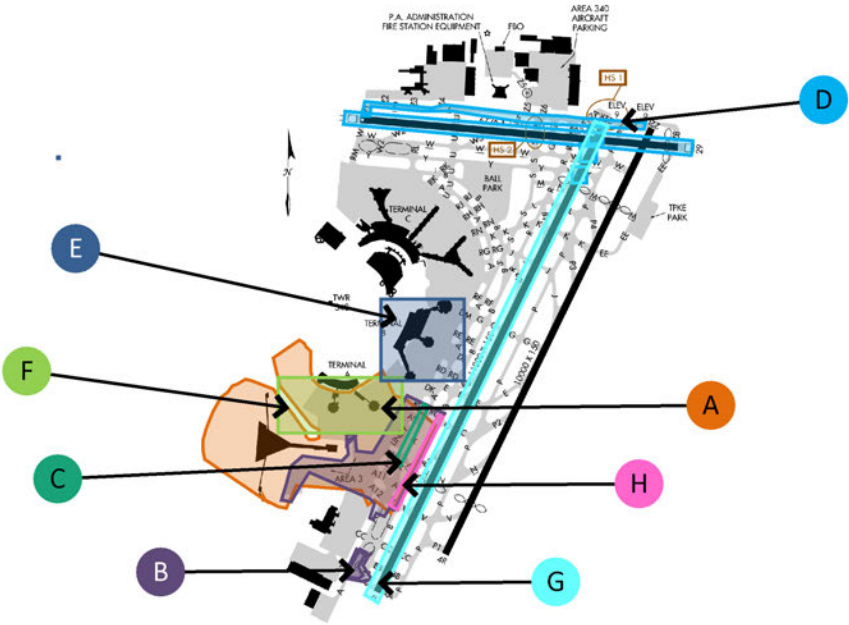
IATA Level 2



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G	RWY 4L/22R			Y	G																				

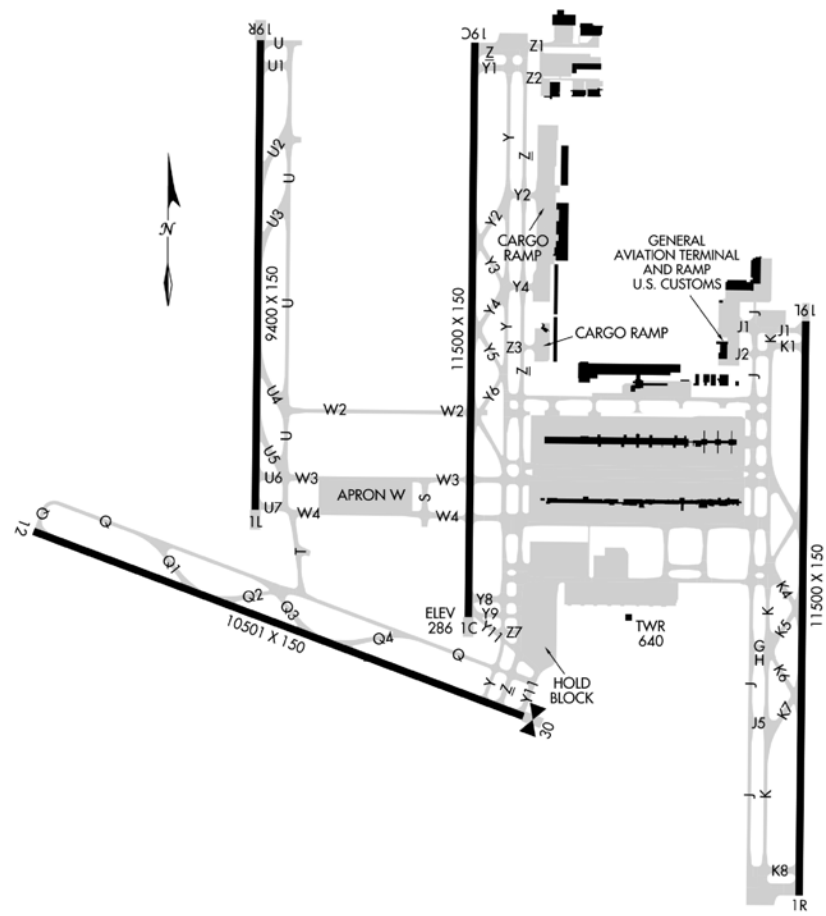
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	RWY 4L/22R	Interim rehabilitation of RWY 4L/22R. Planned 6-day closure.	09/18/2022 to 09/24/2022	Complete	Y	If the weather forecast poses a problem with the RWY 4L/22R closure schedule, then construction will be adjusted to work around the weather.
		Milling/Paving and Grooving of RWY 4L/22R.	10/25/2022 to 10/28/2022	In Progress	G	Milling/Paving/Grooving of RWY 4L/22R Proper (north section). RWY 4L/22R will be closed. RWYs 11/29 and 4R/22L will be open. 10/25/22 to 10/28/22 – Weeknight closures - RWY 4L/22R is closed. RWYs 11/29 and 4R/22L are open.

IATA Level 2



		2022						2023												2024												2025					
	Project	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	JAN	FEB	MAR	APR	MAY	JUN
H	TWY B			Y	Y	Y																															

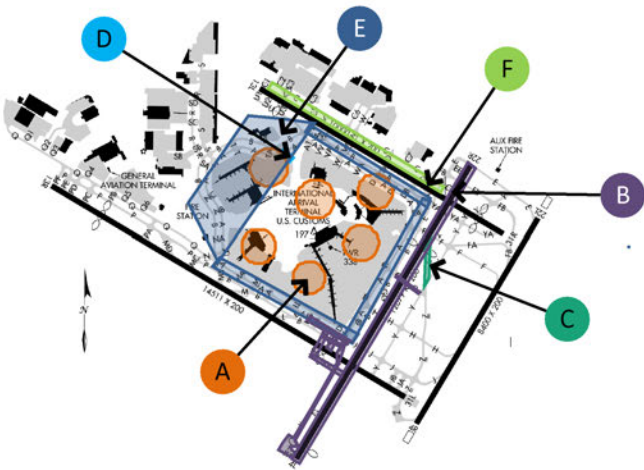
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	TWY B	TWY B closed between TWY C and TWY V.	09/20/2022 to 11/20/2022	In Progress	Y	Limited impact on EWR's southwest flow, but substantial impact on the northeast flow. On northeast flow, this closure impacts the Tower's ability to handle departure volume heading towards the south end of the field as 80% of departures will have to bottleneck to one taxiway at C and A. This will also cause limited flexibility to meet departure TMLs. This coincides with the new Terminal A scheduled to open 11-1-2022. A GDP may be warranted to help alleviate ground congestion. On Northeast flow landing RY4R and departing RY4L, RY11 available and encouraged for most departures from Terminal C.



		2022						2023						2024						2025					
	Project	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN

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

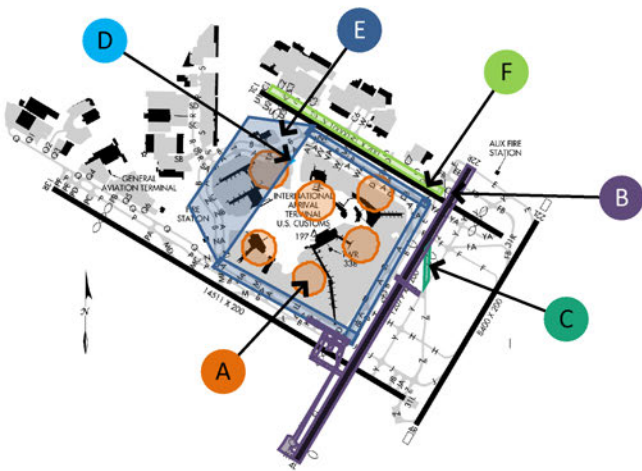
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A	Terminal Area	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
B	RWY 4L/22R & TWY K			Y	Y																																

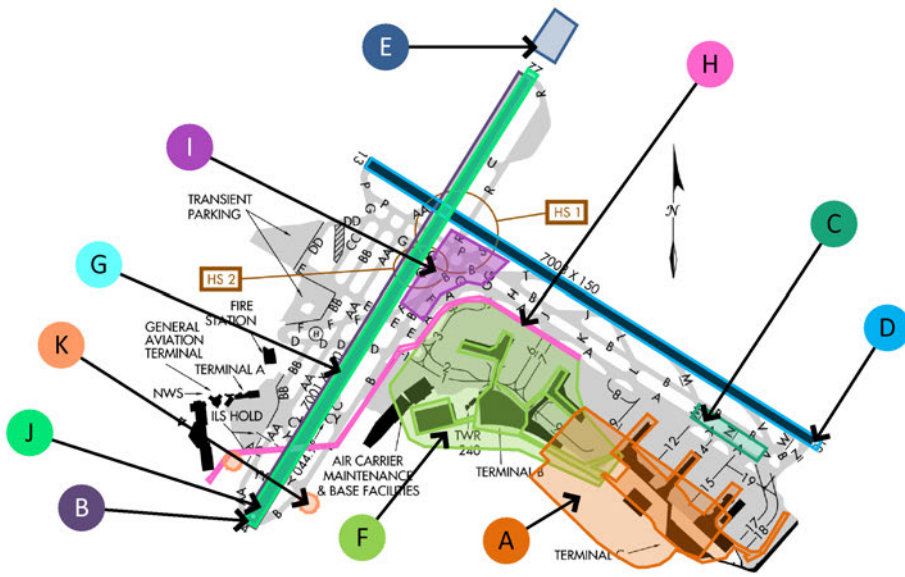
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminal Area	Redevelopment construction involving Terminals 1, 4, and 5-7 and other areas.	06/01/2021 to 2025 TBD	In Progress	G	24 hardstands will be relocated. This will result in increased towing operations and limited metering locations. Redevelopment scope and schedule being reevaluated due to COVID-19.TBD
B	RWY 4L/22R & TWY K	TWY K repairs. Repairs will occur during two 96-hour closures.	September 2022	Complete	G	
		RWY 4L/22R concrete repairs/replacement. Runway closures will occur as follows: one 96-hour closure and two 24-hour closures.	September 2022 to October 2022	In Progress	Y	Impact would be the loss of a secondary departure runway and the possibility of a single-runway operation if driven by weather/wind. The work to replace concrete, each will be done in 3-day segments. It is all separate projects on the same runway, not a single closure. The 22R work is scheduled to start September 26th at 2300. The first segment is a 96-hour closure starting September 26th. From 11pm, Sunday, September 25th, through 11pm, Thursday, September 29th: Runway 4L/22R will be closed for construction. Taxiway G between Taxiway Y and Taxiway B will be closed for construction.

IATA Level 3



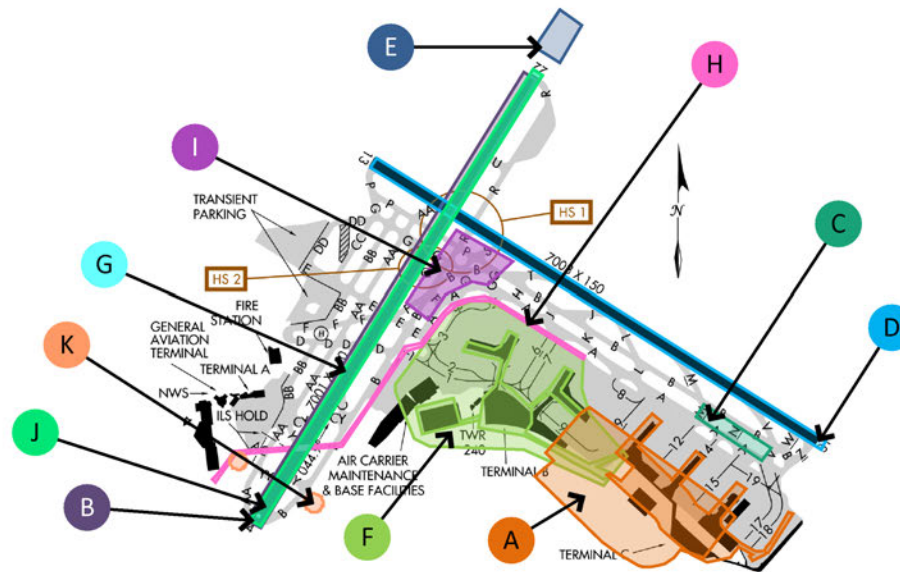
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	Project	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
C	TWY Z	G	G	G																																	
D	TWY TB	G	G	G																																	
E	TWYs A & B	T	T	T	T	T	T																														
F	TWY C		G																																		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY Z	TWY Z closed for construction between RWY 4L/22R and TWY Y.	07/29/2019 to 09/01/2022	Complete	G	
D	TWY TB	TWY TB closed between Terminal 8 Ramp and TWY A closed.	01/08/2021 to 09/30/2022	Complete	G	
E	TWYs A & B	Full reconstruction of TWYs A and B	2022 TBD	Upcoming	T	Project deferred due to COVID-19/funding constraints.
F	TWY C	Taxiway C rehabilitation.	08/01/2022 to 08/17/2022	Complete	G	Planned as a 3-phase project. Phase 1 (August 1-5), Phase 2 (August 8-13), and Phase 3 (August 15-17).



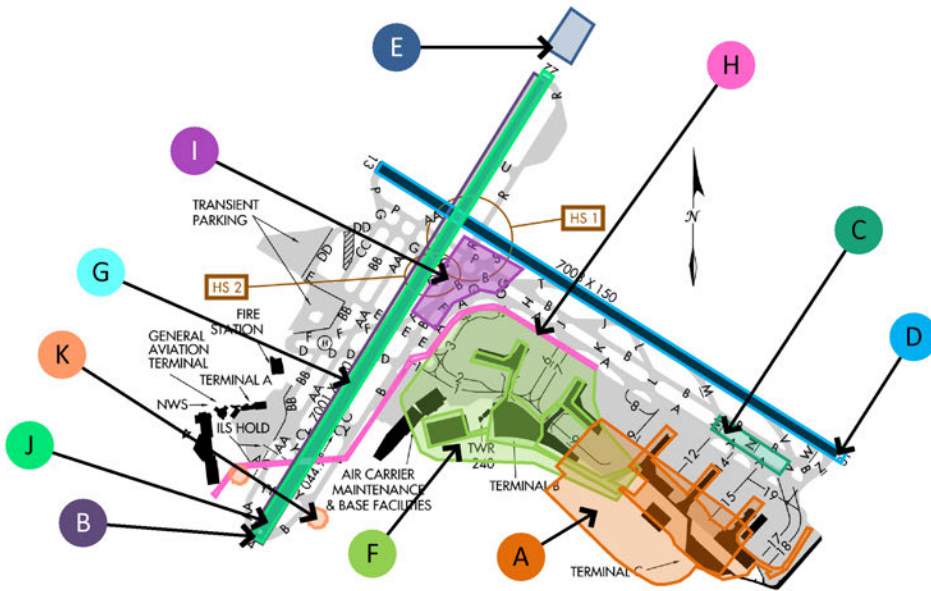
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	Project	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
A	Terminals C & D	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G						
B	Runway Closures	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 01/24/2025	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 opened on June 4, 2022. North portion of Concourse F scheduled to open Fall 2022.
B	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.	11/15/2021 to 11/15/2022	In Progress	G	From November 15, 2021 to April 15, 2022 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 resumed on April 15, 2022 and will continue until November 15, 2022.



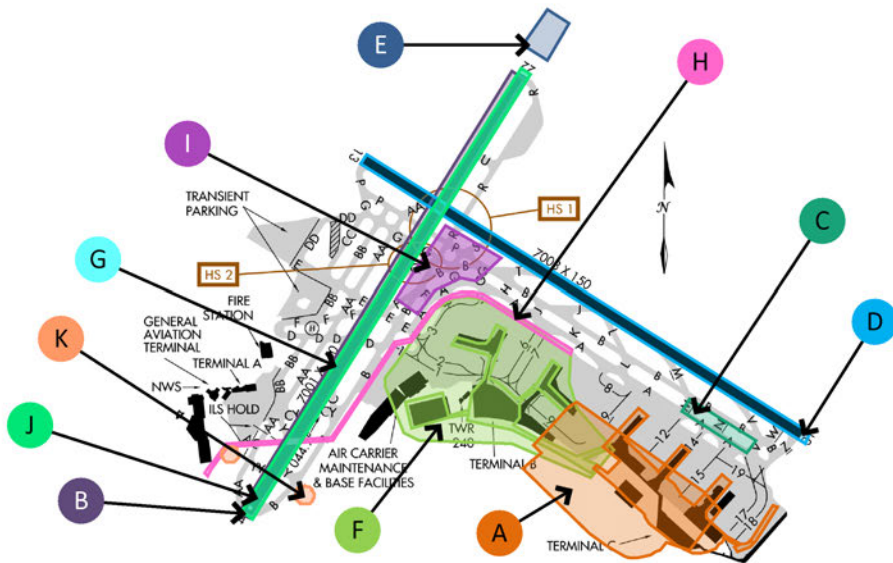
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	Project	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
C	TWY A Shoulder	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G				
D	RWY 13 ALS	Y	Y	Y	Y	Y																															
E	RWY 4 Localizer																			T	T	T	T	T	T	T	T	T	T	T							

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY A Shoulder	TWY A shoulder work to tie in new Terminal C. Concourses E & F paving and drainage to TWY A.	March 2020 to 02/26/2025	In Progress	G	Nightly closures from 2300-0700. Possible closure of TWY N and V between A and M (now Taxilane 17).
D	RWY 13 ALS	RWY 13 ALS will be out-of-service.	07/25/2022 to 11/18/2022	In Progress	Y	ILS visibility will go from 1800 RVR to 4000 RVR. Localizer visibility CAT A & B will go from 2400 RVR to 5500 RVR and CAT C & D will go from 2400 to 1 3/8 SM. RNAV (GPS) CAT A & B will go from 2400 RVR to 5500 RVR and CAT C & D will go from 2400 to 1 3/4 SM.
E	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.



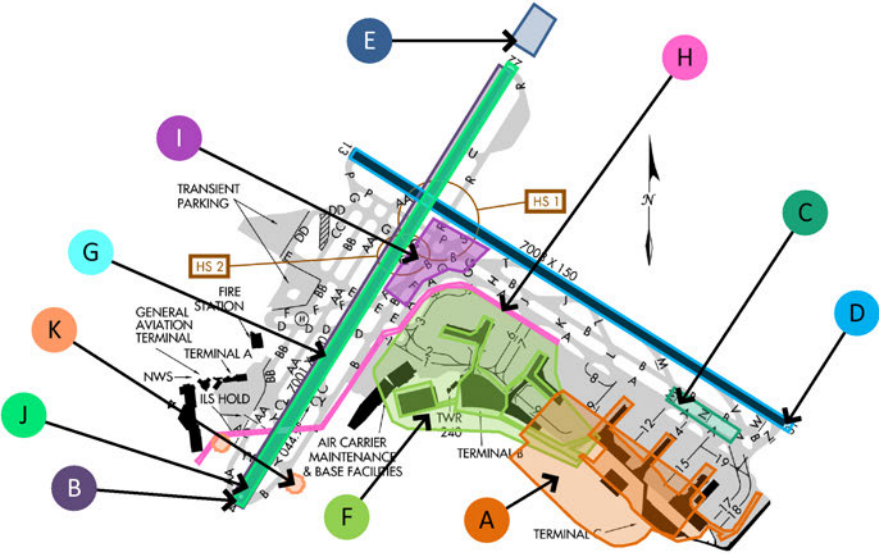
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F	Terminal B	G	G	G	G	G																															
G	RWY 4 ALS										Y	Y	Y	Y	Y	Y	Y	Y	Y																		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	Terminal B	Terminal B redevelopment of the Central Terminal Building (CTB). Construction expected to include the demolition of the existing terminal and associated infrastructure. Construction is for a new 35-gate terminal.	08/04/2015 to 11/01/2022	In Progress	G	Majority of Concourse B opened by June 2019. Concourse Headhouse opened June 2020. North portion of Concourse A opened August 2020 with first seven (7) gates. Last two (2) additional gates in Concourse B opened May 2021. All remaining gates will be open by Summer 2022. All remaining gates are now open as of July 2022. There is some final airside work on the ramp adjacent to the new Terminal B that is scheduled to wrap up this October.
G	RWY 4 ALS	RWY 4 ALS replacement.	Spring 2023 TBD to Fall 2023	Upcoming	Y	RWY 4 ILS minimums will be increased due to inop component (4500 RVR).



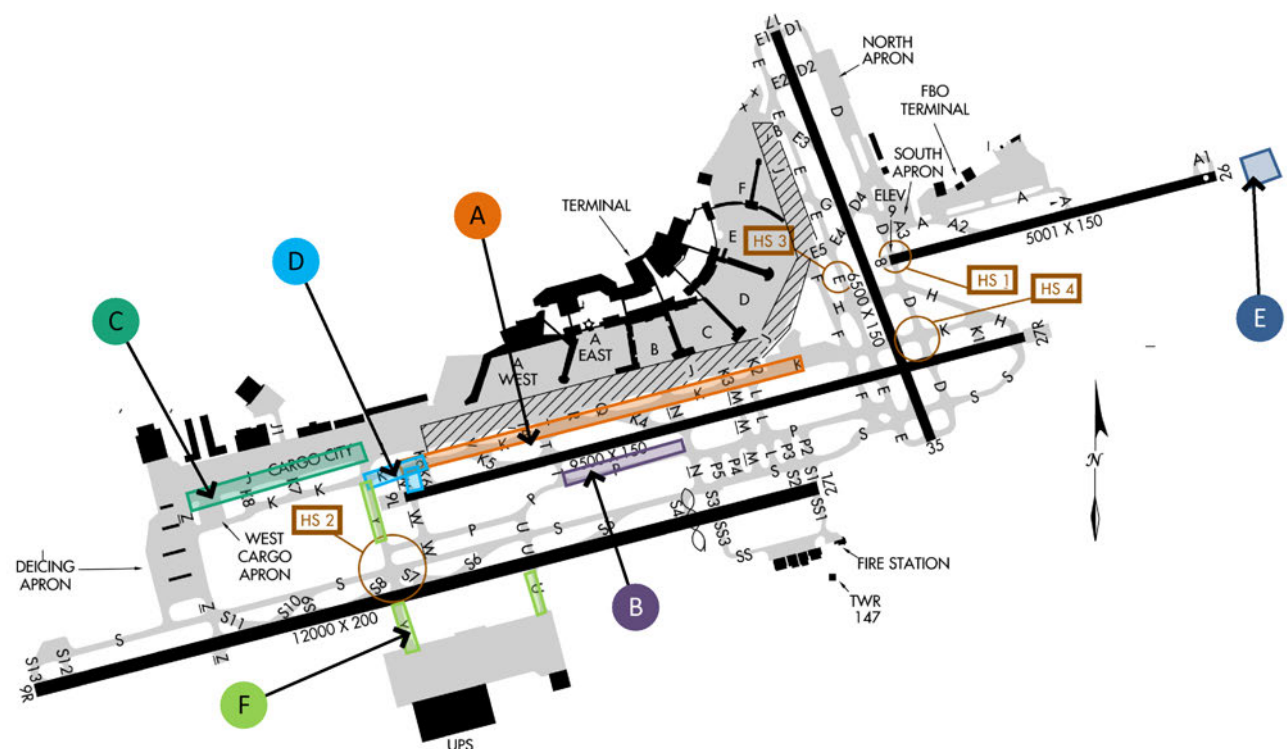
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H	Hydrant Fueling Line			G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																		
I	TWYs P, R, B, G Rehabilitation										T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T							

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	Hydrant Fueling Line	Installation of fuel hydrants line.	Q4 2022 TBD to 2023 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.
I	TWYs P, R, B, G Rehabilitation	TWYs P, R, B and G will require rehab work to be broken up in stages and completed over the course of two years (2023 & 2024).	Spring 2023 TBD to 2024 TBD	Upcoming	T	Asphalt and concrete work are required. Approximately 20, 54-hour weekend closures required to complete the concrete work. 54-hour closures include taxiway segments only. Both runways will return to service at or before 1200L on Sunday.



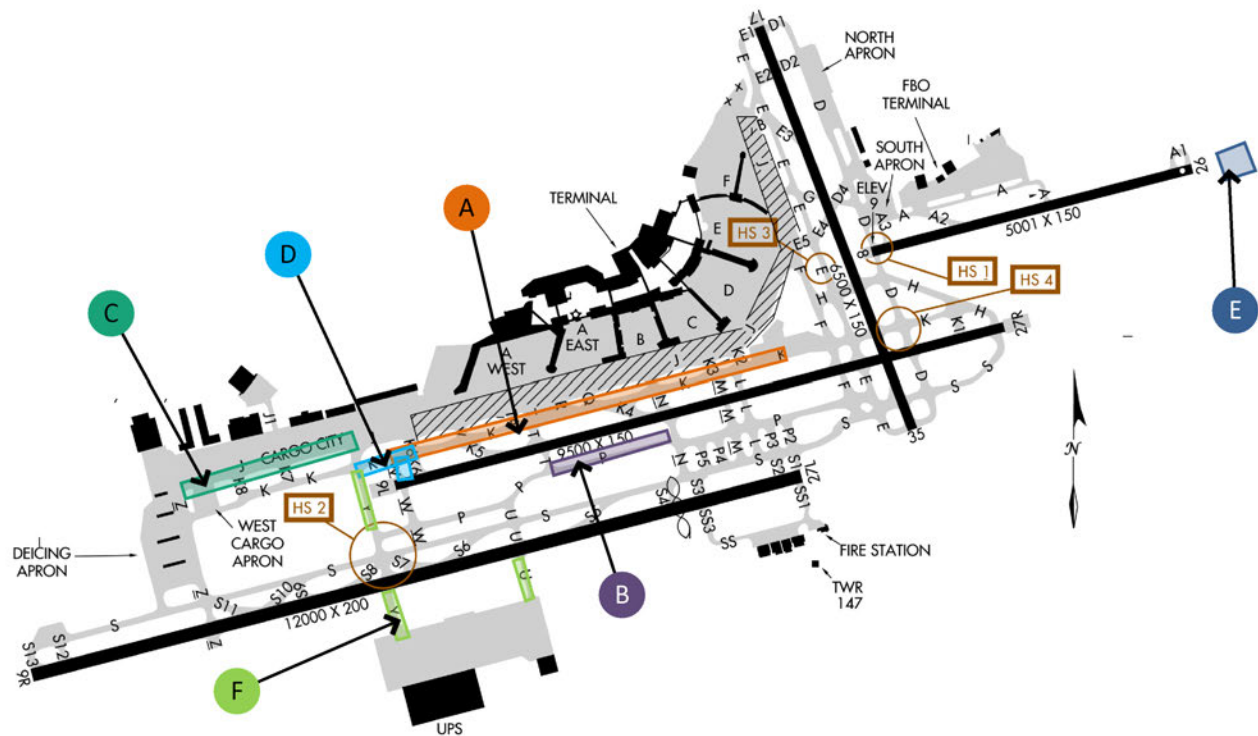
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J	RWY 4 MALSR										T	T	T	T	T																						
K	RWY 4 PAPI												G	G																							

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



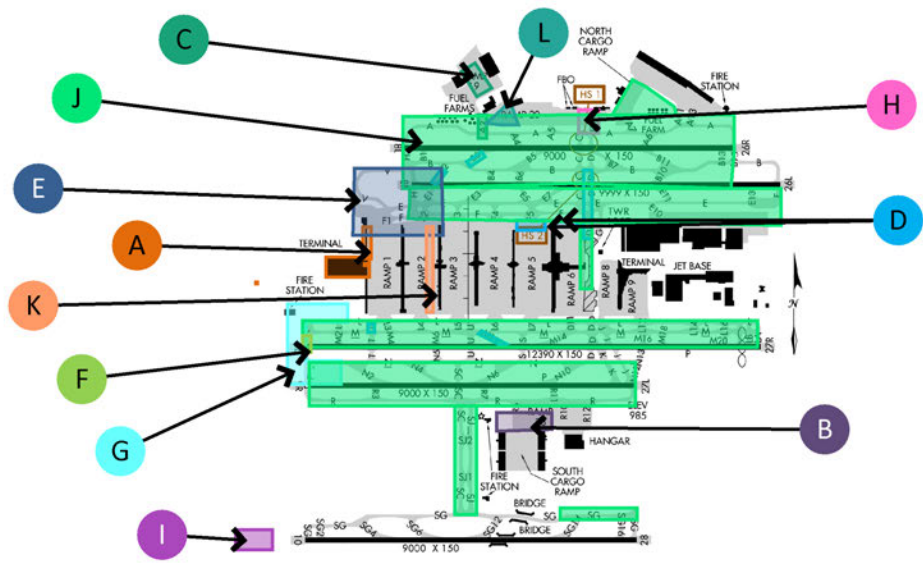
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A	TWY K Reconstruction	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																		
B	TWY P Relocation/Realignment project	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																		
C	TWY J Reconstruction									T	T	T	T	T	T	T	T	T	T	T	T	T															

	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 project	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	Upcoming	T	Expected to start in March 2023 and last a year.



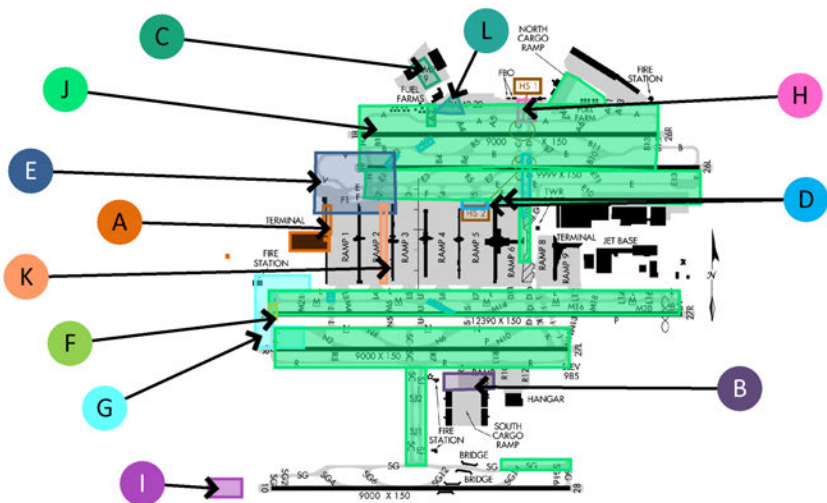
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D	TWYs K and W																								
E	RWY 26 RSA																								
F	TWYs Y and U																								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWYs K and W	TWY K closed between TWY Y and TWY K6. TWY W closed between TWY K and approach end of RWY 09L.	04/01/2022 to 06/30/2022	Complete	T	
E	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	
F	TWYs Y and U	Taxiways Y and U reconstruction project.	05/01/2023 to 06/30/2025	Upcoming	T	Expected to start in May 2023 and lasts two years.



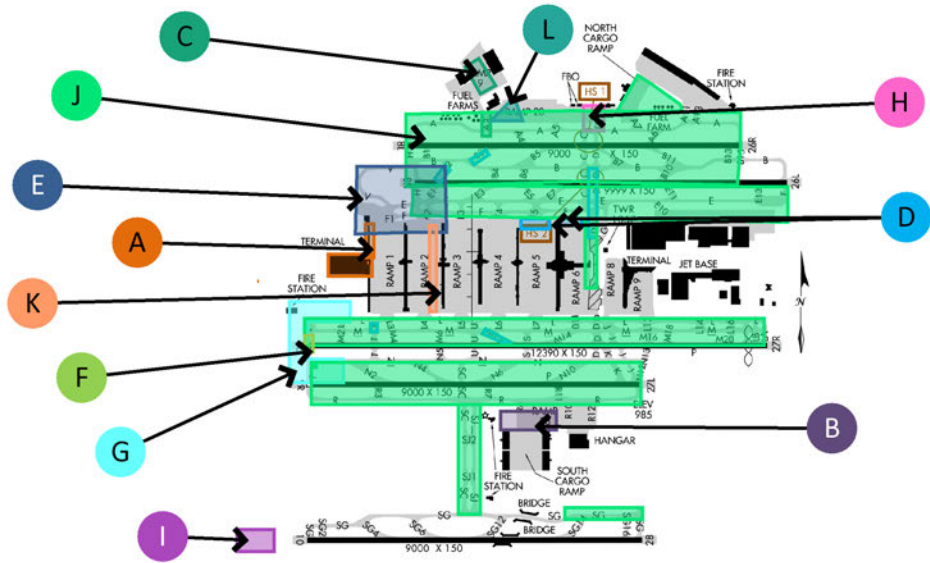
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A	Concourse T	G	G	G	G	G	G	G	G																												

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



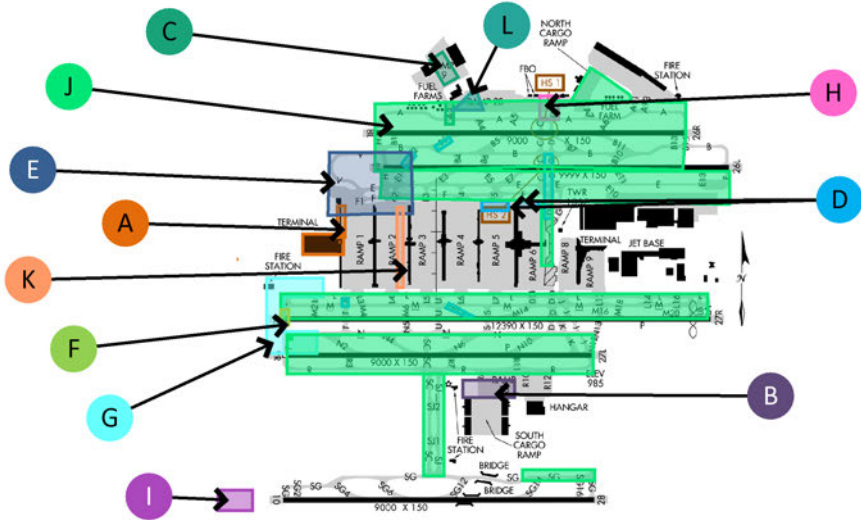
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B	South De-icing Facility	G	G	G	G																																

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
B	South De-icing Facility	Development of supporting ramp to provide additional capacity for all carriers.	01/22/2021 to 10/27/2022	In Progress	G	<p>On 8/31, a large opening of pavement is scheduled to take place: TWY R10 and R12 will reopen in new configurations, and TWY R East of R11 will open. TWY R12 will support aircraft up to the 747-8 in size, cancelling the current restrictions The NLVR will shift to the South to its permanent configuration on 8/21 TWY R10 will close on a nightly basis during weekdays and continuously over the weekend in order to accommodate parking for the SubAir operation. An increased presence will be required to monitor traffic transiting to and from the South Cargo Ramp to avoid nose-to-nose scenarios while R10 is closed. Once the above opening occurs, TWY R6 and TWY R between R7 and R10 will close. TWY R11 is scheduled to reopen on 9/23. TWY R6 and R between R7 and R11 will then remain closed until 10/27, which will mark the substantial completion milestone of the project.</p>



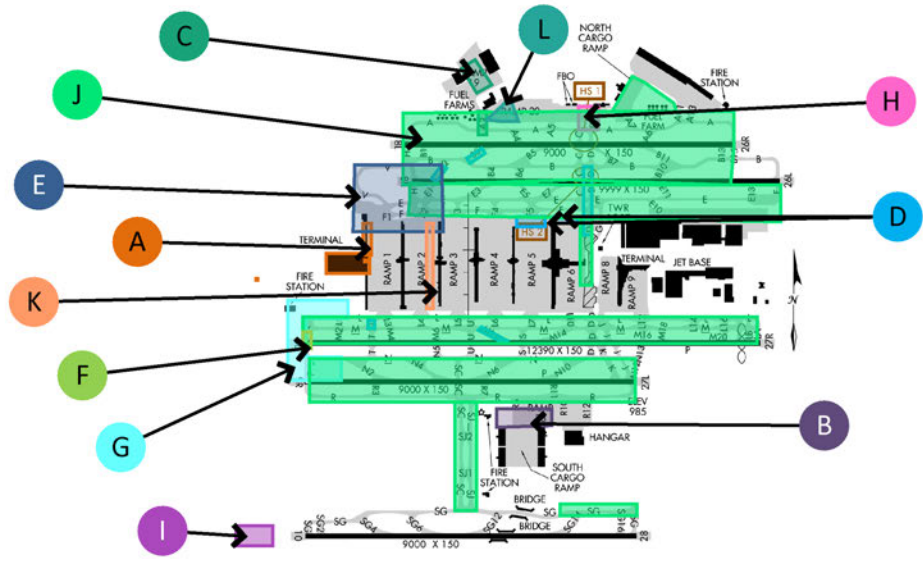
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C	Ramp 19 & Taxilane A3	G	G	G	G																																
D	Taxiway repair/pavement replacement				Y	Y	Y																														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	Ramp 19 & Taxilane A3	Ramp 19 and Taxilane A3 Pavement replacement. Project will be broken into several phases.	06/01/2021 to 10/04/2022	In Progress	G	Phase 12 construction is currently underway. Aircraft up to ADG V are now permitted to operate in the area and taxi under their own power.
D	Taxiway repair/pavement replacement	Replace taxiway pavement including underdrains, lighting, markings and adjacent shoulders	10/04/2022 to Dec 2022 TBD	Upcoming	Y	The only impact for this project will be that TWY A3 will be restricted to ADG III and below. Anticipated construction August to December 2022 for the following work locations: TWY D at RWY 8R/26L (Will require 7-day closure of RWY 8R/26L after Labor Day) 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



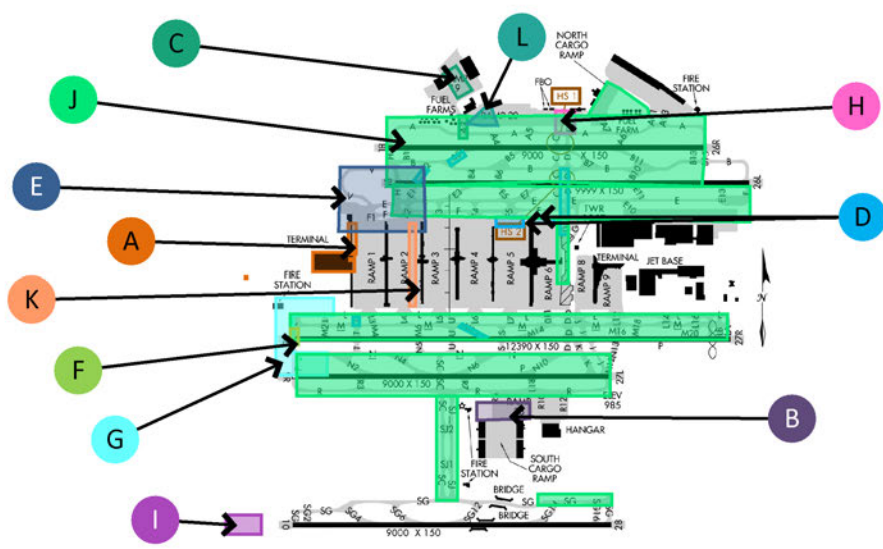
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E	TWY V Bypass	G	G																																		
F	RWY 9L Relocated Threshold			G	G																																

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	TWY V Bypass	Multi-phased project for TWY V realignment and redesign, for TWYs E, F, H, E1 and F2. Construction will affect TWY V, E, and F outside of Ramp 1N.	09/01/2021 to August 2022	Complete	G	If TWY V is not available, tower will have to stage aircraft to cross RWY 8R/26L, impacting the departure rate on the North side. Construction on the TWY V bypass will begin in Sept 2021. Phase one (1) will last approximately 30 days for at least 10 days. Ramp 1N will become exclusively inbound or outbound during this time. Phase two (2) will go from Oct-December 2021 and will include a closure of TWY V for at least 18 days. Phase three (3) will go from Jan-Sept 2022 and tie into the T-gates expansion project. Expect Ramp 1N west lane to be closed for the duration of this project.
F	RWY 9L Relocated Threshold	RWY 9L Relocated Threshold - End-Around Taxiway Construction.	09/16/2022 to 10/31/2022	In Progress	G	



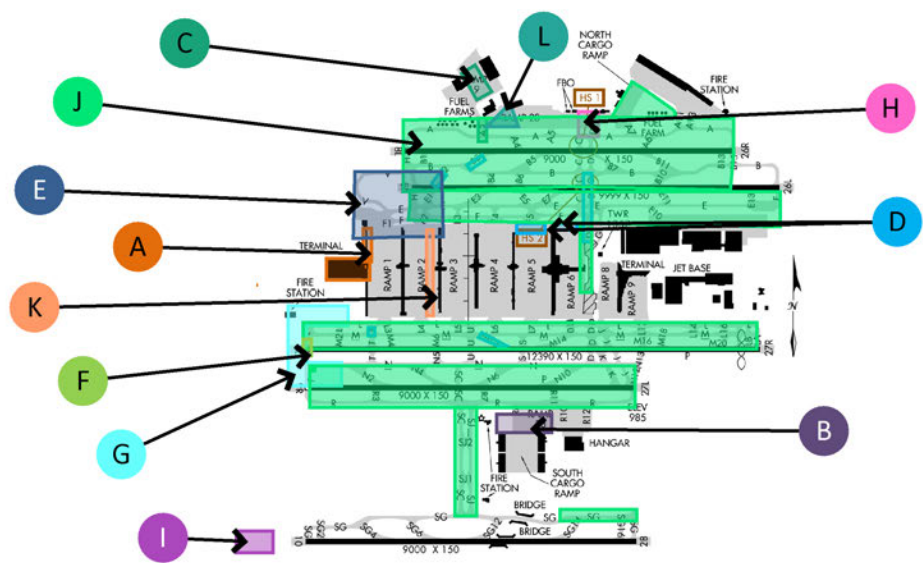
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G	RWY 9L End-Around TWY	G	G	G	G	G																															
H	RIM HS1				G	G	G																														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	RWY 9L End-Around TWY	Construction of an end-around-taxiway (EAT) at RWY 9L to provide more efficient capacity and reduce delays. ALSF-2 OTS 7/10 – 9/4 for relocation to new site.	07/06/2021 to 11/01/2022 TBD	In Progress	G	Phase 5 is currently ongoing, requiring the continuous closure of TWY L between L1 and M Starting September 6th through September 19th, the cranes will need to be periodically lowered throughout the day to allow the departures of heavy, long-haul international flights. Phase 6 Sept.16 – Oct.31. Relocation of existing localizer and shelter. Demolition of existing ALSF-2 site. Extended nightly closures. No impact. RWY 27R localizer, RWYs 9L and 9R Glide Slope Not available. Will require Flight Check.
H	RIM HS1	Runway Incursion Mitigation (RIM) Program: Construction will be for TWY D at the entrance to FBO ramp shift.	Oct 2022 TBD to 2022 TBD	Upcoming	G	HS1 – Work will be shifting TWY D at the entrance to FBO ramp to the east to mitigate problematic geometry. Work will be complete Fall 2022.



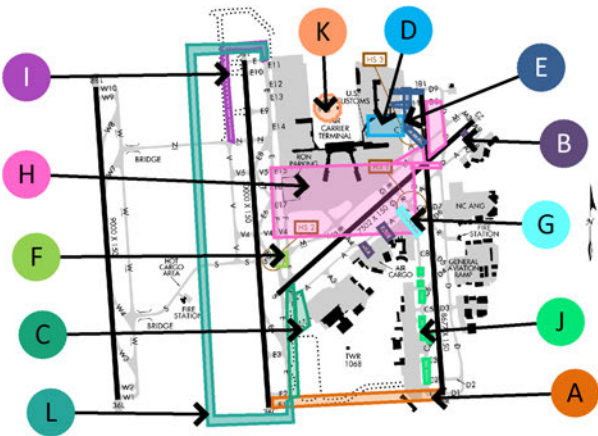
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I	RWY 10 Glideslope												T	T	T	T	T	T	T																		
J	Shoulder Replacement Project																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
I	RWY 10 Glideslope	Safety area improvements on north complex and grading of RWY 10 glideslope reflective plane.	June 2023 to 2023 TBD	Upcoming	T	Will reduce capacity during Instrument operations. Glideslope outage for 120 days. Localizer will be operational. DOA cancelled bids. NTP issued to begin approved design modifications.
J	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	T	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)



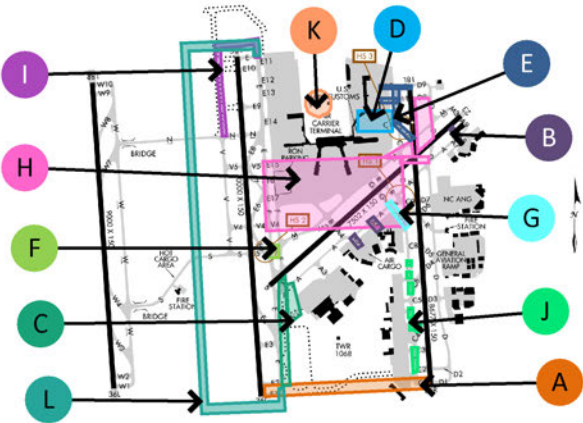
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K	Ramp 2 Pavement Replacement Project										G	G	G	G	G	G	G	G	G																		
L	Ramp 20 Pavement Replacement													T	T	T																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
K	Ramp 2 Pavement Replacement Project	33,000 square yards of full depth concrete pavement placement. Two slabs on either side of east side taxiway centerline.	Spring 2023 TBD to Fall 2023 TBD	Upcoming	G	13 phases, each phase 10 – 17 days per phase. Project will be coordinated so that no more than one ramp throat is closed at a time.
L	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).



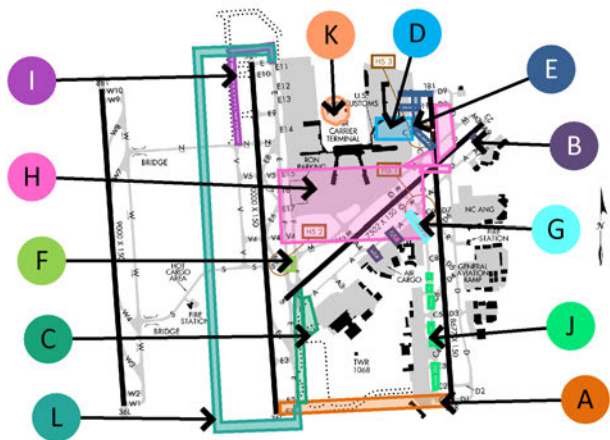
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A	South Crossfield Taxiway	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
B	TWYs A5, A6 & A8	G	G	G	G	G	G																														
C	TWY F Extension											G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	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 paving and electrical is scheduled to start March 2023 and be completed by May 2025. Paving and electrical planned to begin April 2023 and be complete by October 2025.
B	TWYs A5, A6 & A8	TWY A6 closed. Ramp is not in use. It is no longer used to access aircraft parking. TWY A8 closed between RWY 5/23 and TWY A. Pavement rehab work. TWY A5 closed.	03/07/2021 to 12/31/2022	In Progress	G	Airport Operations is having internal discussions about possibility of closing both taxiways, A6 and A8, permanently.
C	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	In Progress	G	TWY U was closed in May 2021 and will reopen with the TWY F extension. Earthwork, utility relocation, and relocation of Yorkmont Rd in progress and expected to be completed in October 2023. TWY F, TWY U, and the De-icing pads are scheduled to have paving and electrical done by October 2024.



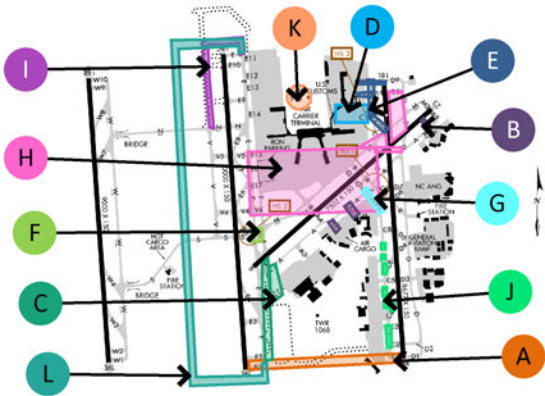
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D	D and E Dual Taxilanes	G	G	G	G	G	G	G	G	G	G	G	G	G																							
E	TWYs C10, C11, C12	G	G	G	G																																
F	Slab repair Echo/Sierra/Mike intersection			G	G																																

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	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.
E	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 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 October 2022	In Progress	G	Part of the ramp D and E dual taxilane project currently in progress. ATC and ramp tower are working around the wingspan restrictions without issue.
F	Slab repair Echo/Sierra/Mike intersection	Repair of six concrete slabs.	09/25/2022 to 10/03/2022	In Progress	G	Some normal taxi routes will have to be amended. May increase taxi times slightly but delays should not exceed 15 minutes. Work will be performed during the overnight hours.



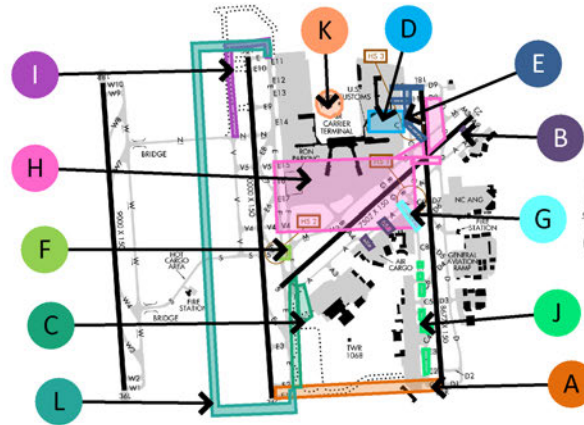
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G	TWY G Slab Repairs				G																																
H	Terminal Ramp Expansion							G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	TWY G Slab Repairs	Repair nine concrete slabs in two phases on TWY G between TWY A and TWY C.	10/09/2022 to 10/21/2022	Upcoming	G	Some normal taxi routes will have to be amended. May increase taxi times slightly but delays should not exceed 15 minutes. Work will be performed during the overnight hours. Phase 1 will be complete by 10/17/2022. Phase 2 will be complete by 10/21/2022.
H	Terminal Ramp Expansion	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.	2023 TBD to 2027 TBD	Upcoming	G	Runway was permanently NOTAMed as out-of-service on May 1, 2022. This will be a multi-phased project. Possible service interruptions due to infrastructure system tie-ins. Possible arrival/departure impacts due to equipment and construction cranes. Relocation of the Airport Surveillance Radar is required prior to construction.

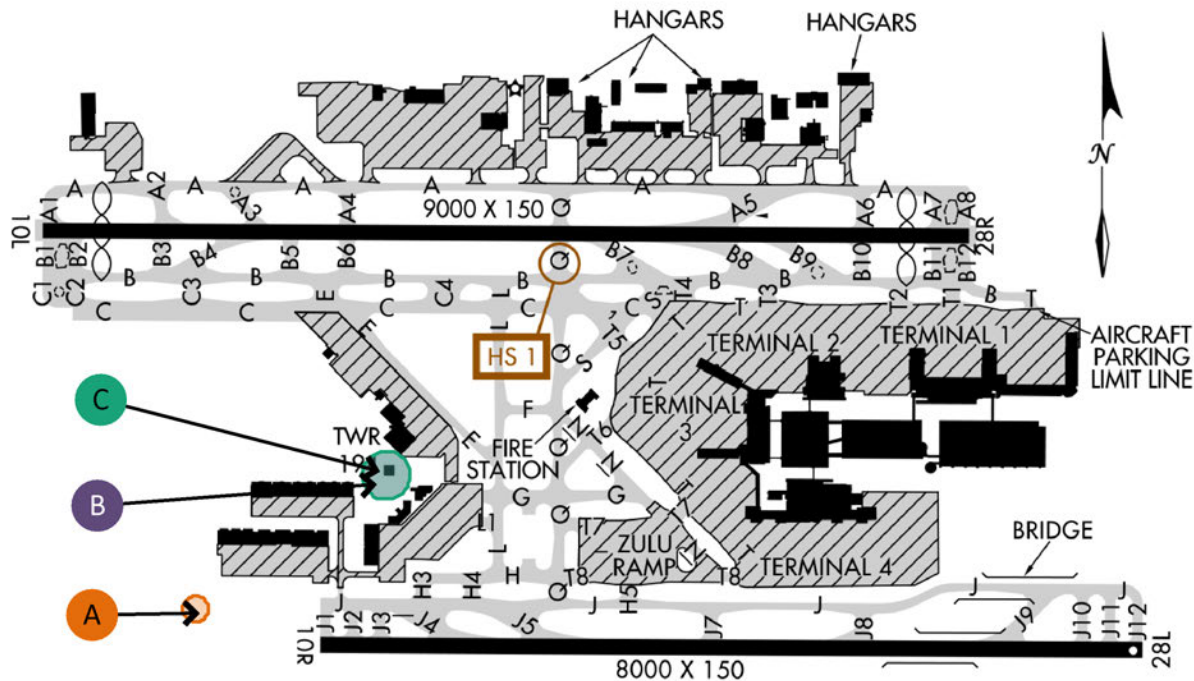


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I	North End-Around Taxiway (NEAT) - Phases 1A, 1B and 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	T	T	T	T	T	T								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
I	North End-Around Taxiway (NEAT) - Phases 1A, 1B and 2	Phase 1A of the Northeast End-Around Taxiway (NEAT) north of RWY 18C/36C. Fill and grading for an end-around taxiway north of RWY 18C/36C.	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. However, simultaneous triple instrument approaches can still 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 LNAV/VNAV.
		Phase 1B of the Northeast End-Around Taxiway (NEAT) north of RWY 18C/36C. 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 10/01/2024	Upcoming	T	Capacity rates may be impacted during this phase. If work in the RSA can be performed after hours or under a displaced threshold, any capacity impacts would be minimal. If not, it would require a runway closure which may have a substantial impact. 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.
		Phase 2 of the North End-Around Taxiway (NEAT) north of RWY 18C/36C. Displaces RWY 18C threshold and adds highspeed taxiway on south end of runway. Dates are tentative.	2028 TBD	Upcoming	T	Will require relocation of Runway 18C MALSR, Glide Slope, TD RVR, and PAPI.

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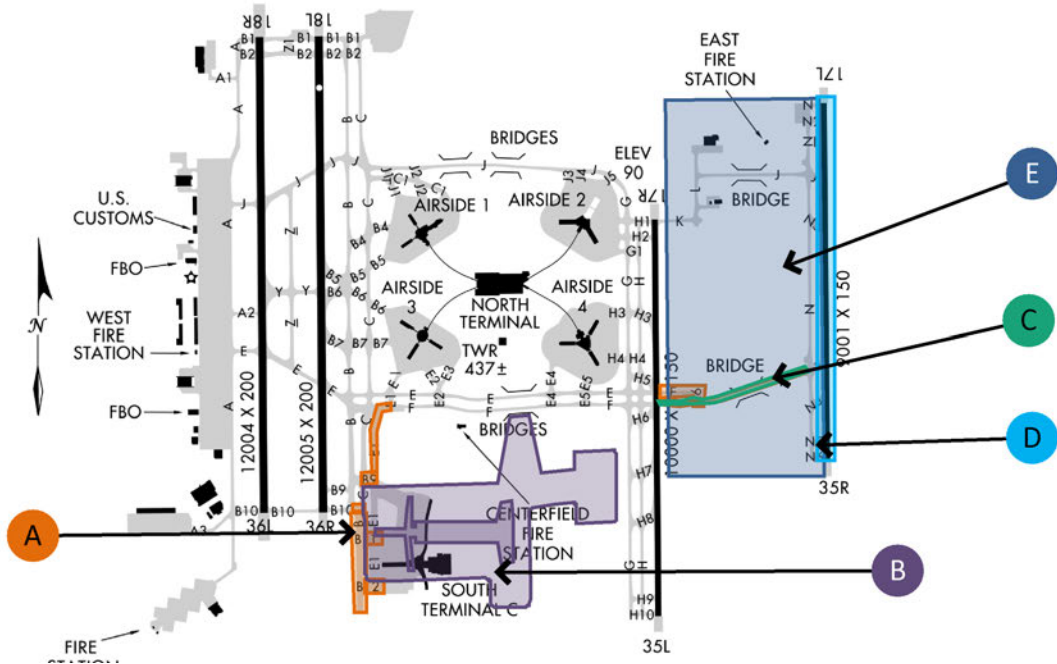
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
J	TWY C Slab Repairs	Repair twenty-two concrete slabs on the south end of TWY C.	11/04/2022 to 11/08/2022	Upcoming	Y	Several slabs are in critical need of repair. SIR submitted. Reduced arrival rates for the duration of the project due to restricted use of east runway and irregular surface movement. TBFM scheduled delays for departures landing CLT will increase.
K	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.
L	New 4th Parallel RWY	Build new runway to add capacity, 10,000 ft. x 150 ft., plus south end-around taxiways.	12/01/2023 to Q3 2027 TBD	Upcoming	T	Preliminary grading activities started in August 2022. Construction of the runway and taxiways (including end-around taxiways) will start in August 2024 Multi-phased project. Possible service interruptions due to infrastructure system tie-ins. Possible arrival/departure impacts due to equipment and construction cranes. Relocation of the existing Radio Transmitter and Radio Receiver sites is required prior to construction.



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A	RWY 10R/28L Crane ops	G	G	G	G	G	G																														
B	Tower Cab Modernization	G	G	G	G	G	G	G	G	G	G	G	G																								
C	Tower Cab Equipment									G	G	G																									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 10R/28L Crane ops	Daily overnight crane operations in the immediate vicinity of RWY 10R Approach/RWY 28L Departure.	01/22/2022 to December 2022	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. Project consists of installing new equipment and replacing existing workspaces.	03/01/2023 to 05/01/2023	Upcoming	G	Renovation within tower cab. Control positions will remain open. No operational impacts expected.

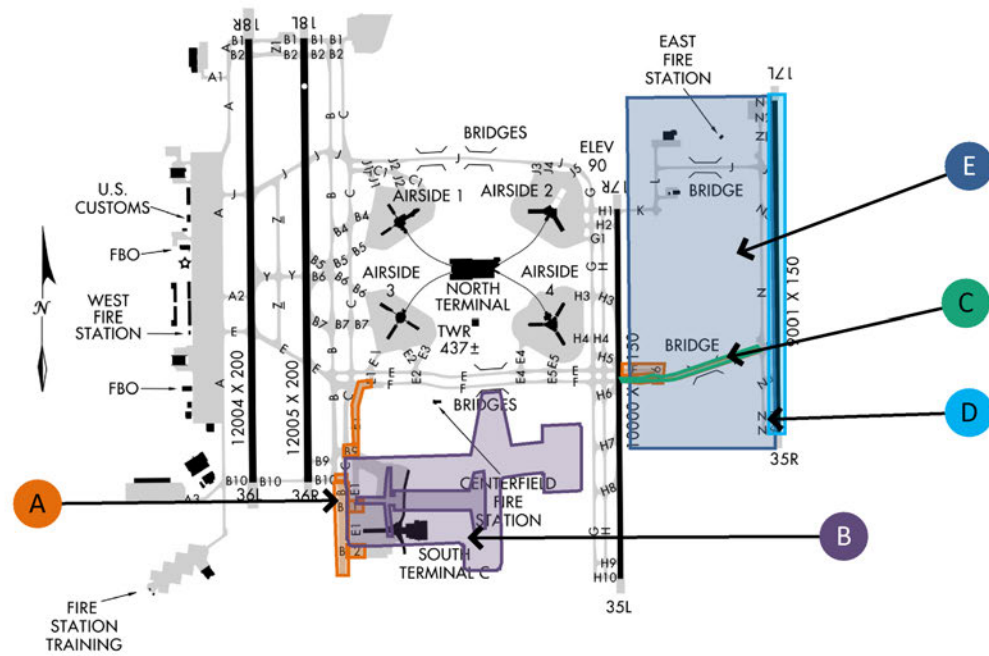
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A	TWYs B9, B11, B12 and E6	G	G	G																					
B	South Terminal Complex	G	G	G																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWYs B9, B11, B12 and E6	TWY B closed south of TWY B10. TWY B9 closed between TWY C and TWY E1. TWY B11 closed between TWY B and south terminal C ramp. TWY B12 closed between TWY B and south terminal C ramp. TWY E1 closed between TWYs B9 and F. TWY E closed between RWY 17R/35L and TWY E6. TWY E6 closed.	12/10/2019 to 09/19/2022	Complete	G	TWYs E, E6 and F closed until June 8, 2022. The South Terminal closures noted in this section are all on schedule to open with the South Terminal Complex in September 2022. No impacts to operations as these are all new taxiways.
B	South Terminal Complex	Construction of a South Terminal Complex and Intermodal Facility with associated apron/taxiway construction. Limited runway and taxiway closures for tie-ins. Includes a 19-gate concourse and terminal.	June 2020 to 09/20/2022	Complete	G	Construction cranes may impact arrival minimums during inclement weather. Expecting some system impacts when taxiway closures are required. Associated limited impacts on RWYs and TWYs during construction of Virgin train rail network.

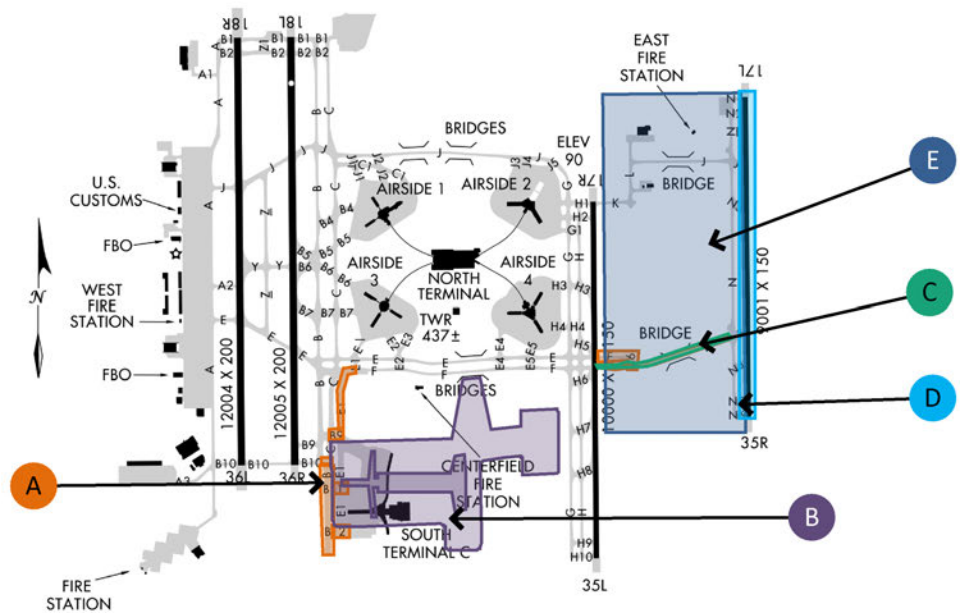
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C	TWY F	G																							
D	RWY 17L ALSF	G	G	G																					

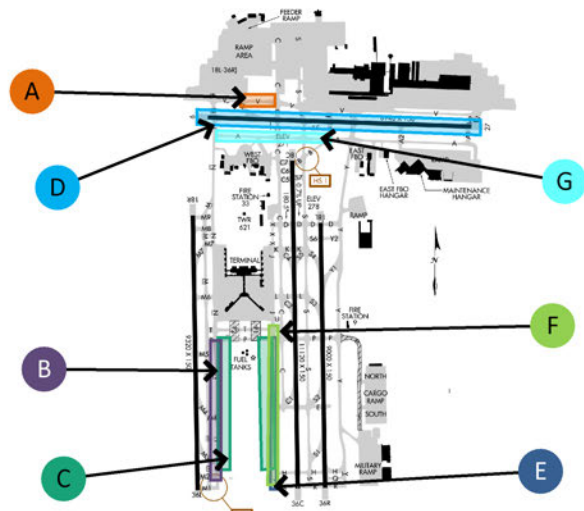
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY F	TWY F construction between RWY 17R/35L and TWY N.	03/10/2022 to 07/01/2022	Complete	G	Minimal impact expected when winds require a South operation. If so, a reduced AAR of 65 will be used. The closure is scheduled to open by end of business 6/24 if weather doesn't cause delays. Currently the closure of TWY F is scheduled from 0700 to 1800 daily until 6/24 which does cause some restrictions when MCO is south. Impacts are mitigated through real time coordination and strategic movement of traffic based on demand.
D	RWY 17L ALSF	The RWY 17L ALSF is scheduled to remain out-of-service until November 18, 2022.	05/27/2022 to 09/30/2022	Complete	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.

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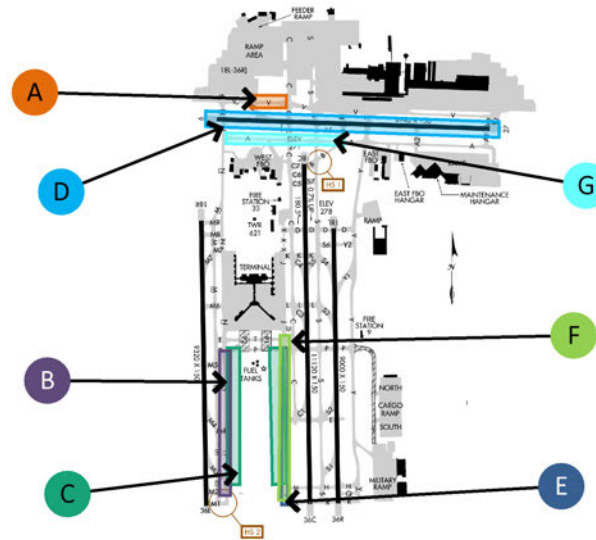
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E	East-side Taxiways	G						Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	East-side Taxiways	Associated taxiways closed for rehab, lighting, painting and signage on all taxiways between RWYs 17L & 17R. The east field taxiway project was scheduled to be done over two years. The initial phase is the TWY F and TWY E work, with minimal work done on TWY N.	02/17/2022 to 07/01/2022	Complete	G	There may be some capacity issues depending on the closures and the flow. If long term taxiway closures are encountered, RWY 17L/35R would be inaccessible - reducing capacity. 2022: TWYs E & F. 2023: TWYs N (and connectors) & J. Phase 1 should have little or no impacts.
		Phase 2 is the second part of the east field rehabilitation project. The exact phasing plan has not been decided. The project will encompass a 3-month closure for RWY 17L/35R, TWY N and connectors, TWY J, TWY L and TWY K. When the work shifts to TWY N and RWY 17L/35R, which is the 3-month closure, the impacts will be more.	February 2023 to 2023 TBD	Upcoming	Y	This project will be a multi-phase project. There should be only minimal impacts for the TWY K, TWY L and TWY J as the tower will have full access to RWY 17L/35R and TWY F for crossing traffic to this side. There is a 3-month closure planned for RWY 17L/35R and TWY N which could cause some delays. The plan should be similar to the plans previously used and with those in place the impacts were usually mitigated. Weather and increased volume could create the need for some traffic management initiatives to be put into place.

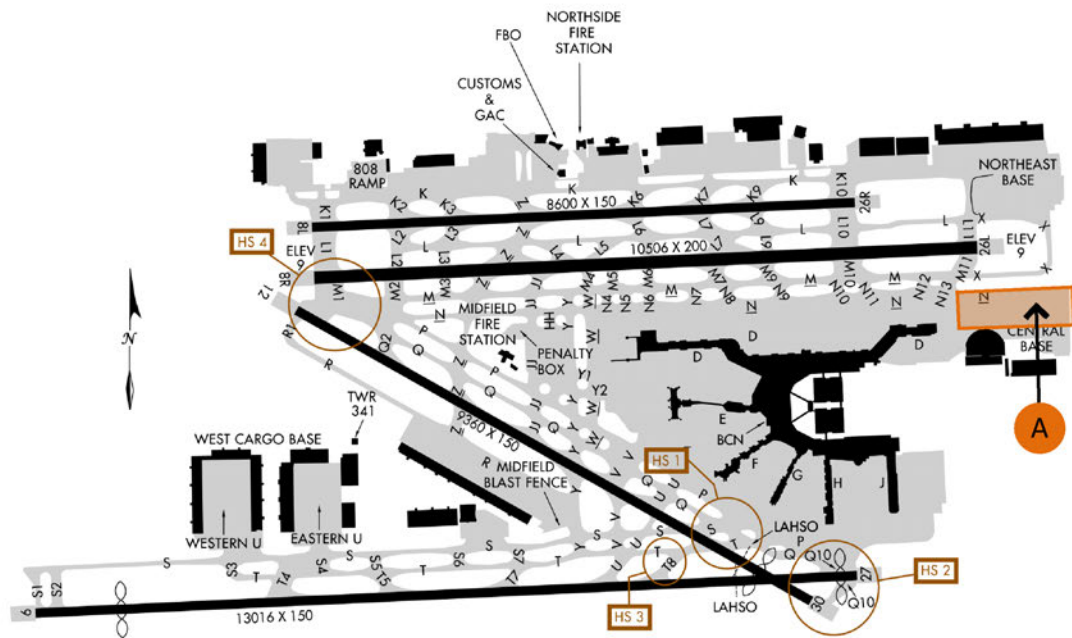


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A	TWY V3	G	G	G	G																																
B	TWY N	G	G	G	G																																
C	TWYs N & J Deicing Pad				G	G																															
D	RWY 9/27 Status Lights							G	G	G	G	G	G	G	G	G	G	G	G																		

	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 10/01/2022	In Progress	G	This is a moving target. Looking to have substantial completion of this to get out of the TSA before quitting until next year. After reopening, there will still be a speed restriction. Work expected to resume around February 2023.
B	TWY N	TWY N south of TWY P is closed for electrical work.	02/21/2022 to 10/22/2022	In Progress	G	Project extended due to supply chain issues.
C	TWYs N & J Deicing Pad	TWYs N and J, deicing (glycol collection) pad between RWYs 36L and 36C. TWY N closed between: TWY M4 and TWY P (2/1/2022 to 5/1/2022) & TWY M1 and TWY M4 (2/1/2022 to 7/1/2022) TWY N closed south of TWY P until August 8.	September 2022 to October 2022	In Progress	G	Crane located between TWYs N and J deice pads no longer in use. CAT II/III operations no longer affected. Project extended due to supply chain issues.
D	RWY 9/27 Status Lights	Runway 9/27 runway status lights (RWSL) system will be installed.	2023 TBD	Upcoming	G	The 9/27 status lights are on hold due to funding and there are no plans to start any time soon. Impact level will be changed if there is any effect on capacity or delays.

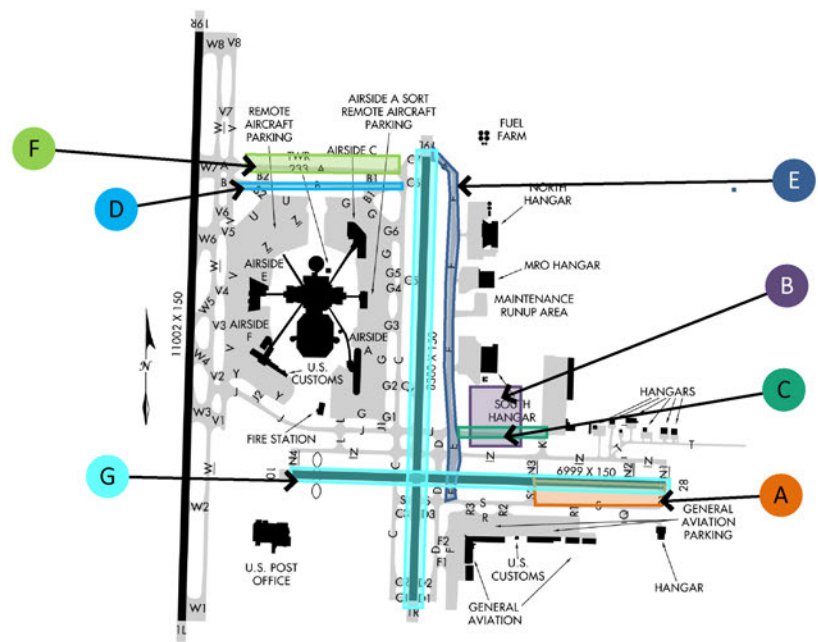
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	TWYs J, P and R	TWY J closed between TWY P and TWY R to aircraft with wingspans greater than 171 feet except for taxi speeds less than 15 knots.	10/21/2021 to 08/01/2022	Complete	G	The NOTAM has been cancelled.
F	TWY J Light Can Installations	Installation of light cans for TWY J. TWY J closed to northbound movement.	02/14/2022 to 08/08/2022	Complete	G	Taxiway J will be closed again from June 15- July 31, 2022. TWY J closed between TWY P and TWY R to aircraft with wingspans greater than 171 feet except for taxi speeds less than 15 knots.
G	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.



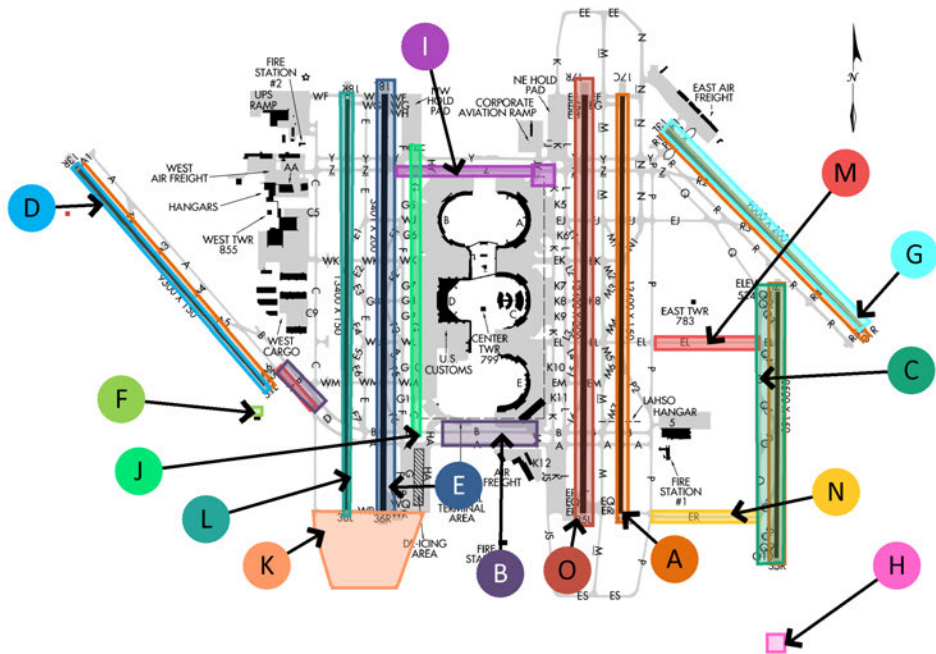
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A	Central Base Ramp	G	G	G	G	G	G	G	G	G	G	G	G												

	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.



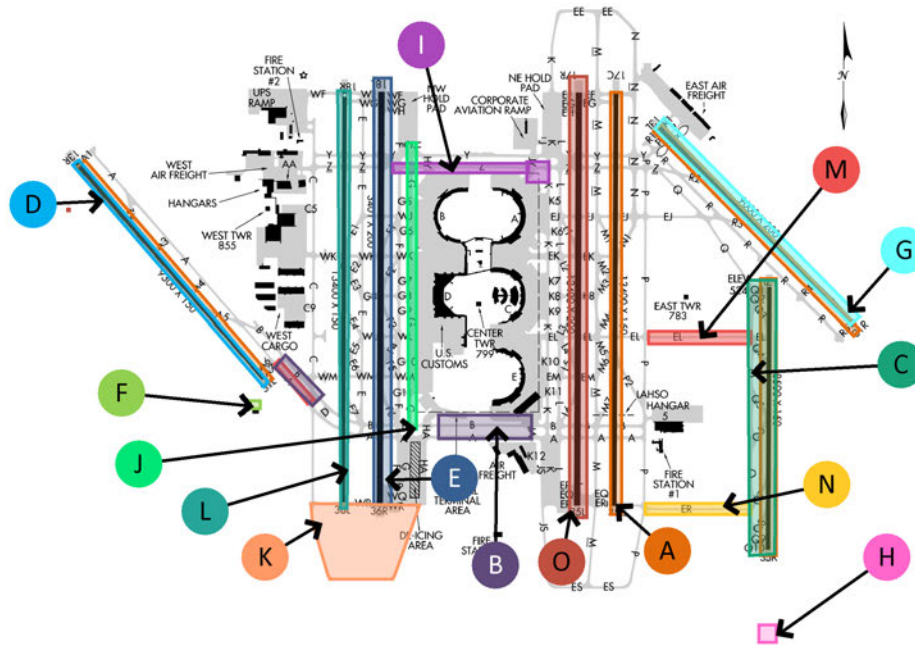
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D	TWY B Closure				G	G	G	G	G	G	G	G	G	G	G																						
E	TWY E Rehabililtation										T	T																									
F	TWY A												G	G	G	G	G	G	G	G	G	G	G	G	G	G											
G	RWYs 1R/19L & 10/28 Slab Replacement													Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y												

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWY B Closure	TWY B closure.	Fall 2022 TBD to Aug 2023 TBD	Upcoming	G	Construction expected to lasts 30 days and will occur sometime between September 2022 - August 2023.
E	TWY E Rehabilitation	Rehabilitation of TWY E.	April 2023 to May 2023	Upcoming	T	Dates are tentative.
F	TWY A	TWY A closure.	June 2023 to July 2024	Upcoming	G	Minor impacts expected during construction.
G	RWYs 1R/19L & 10/28 Slab Replacement	Slab replacement work on RWY 1R/19 and RWY 10/28.	July 2023 to June 2024	Upcoming	Y	At peak times, the closure of RWY 1R/19L could create delay impacts during the slab replacement project.

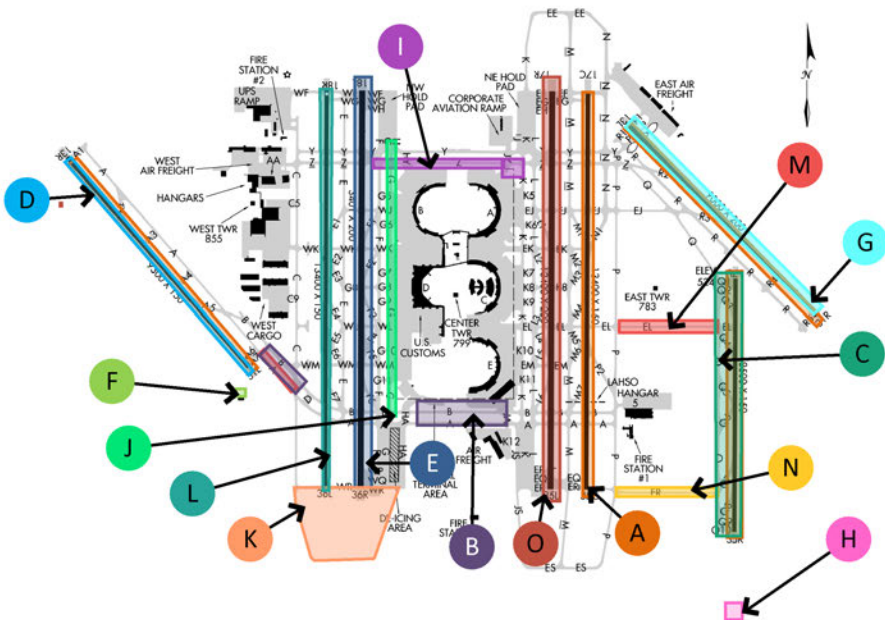


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A	RWYs 17C/35C, 17L/35R, 13R/31L, & 13L/31R Restricted	G	G	G	G	G	G																														
B	TWY A/B (Slope 4)	G	G	G																																	
C	RWY 17L/35R Storm Drain project	G	G	G	G	G	G	G																													

	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 12/31/2022	In Progress	G	
B	TWY A/B (Slope 4)	TWY A/B (referred to as Slope 4) bridges are scheduled to close one at a time.	07/01/2022 to 09/30/2022	In Progress	G	
C	RWY 17L/35R Storm Drain project	Storm Drain repair project.	July 2022 to January 2023	In Progress	G	Night work only: (2300-0600)

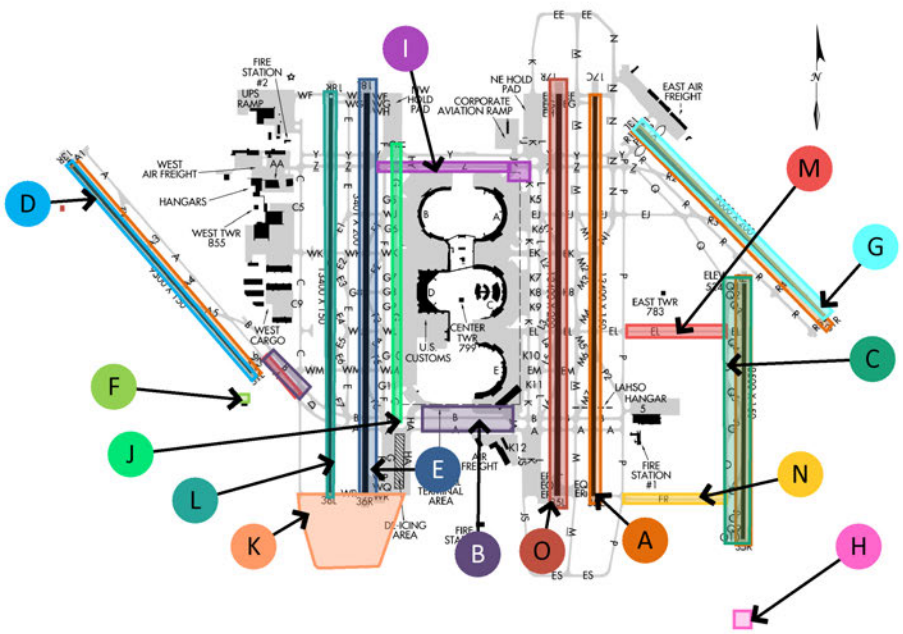
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	RWY 13R/31L Pavement Remediation	RWY 13R/31L pavement remediation.	09/26/2022 to 11/26/2022	In Progress	Y	Night closures Sep.5-Sep. 20, 2022 (2200-0600). Full pavement closures Sep. 27-Nov. 10, 2022. In the South Flow, the arrival rate will be impacted. In the North Flow, the departure rate is TBD. Full runway closures will not overlap.
E	RWY 18L/36R Pavement Remediation	RWY 18L/36R joint seal night work (2200-0600)	11/10/2022 to April 2023	Upcoming	G	Cannot begin until completion of 17L night work.
F	East ARFF Station	East ARFF work.	November 2022 to December 2023	Upcoming	G	



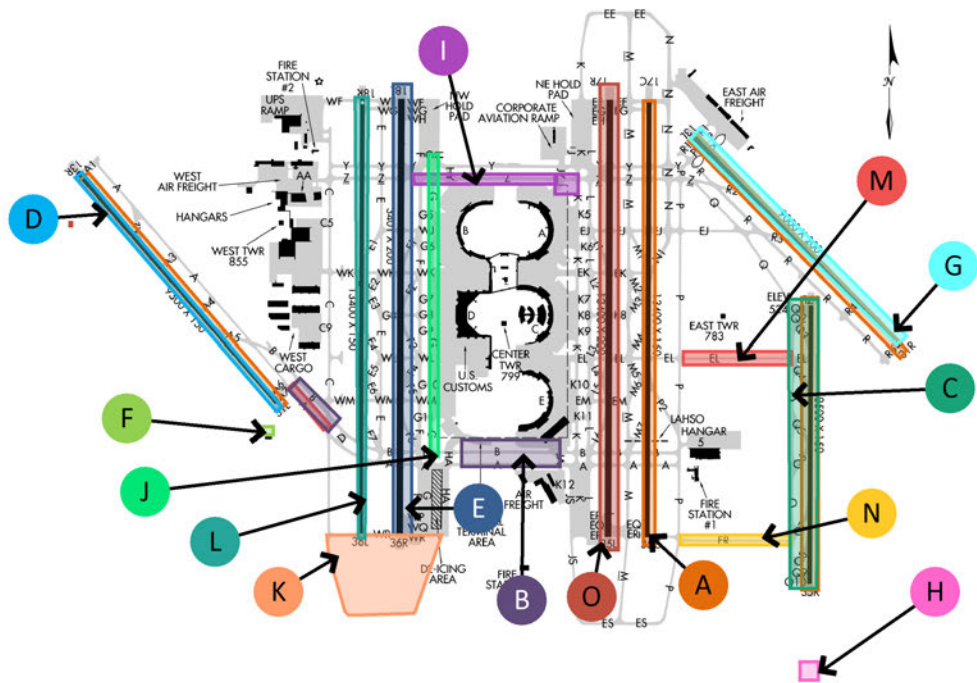
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G	RWY 13L/31R Pavement Remediation	G	G	G																																	
H	35R Localizer			G	G	G																															
I	Ramp A North & TWY JY Reconstruction						T	T	T	T	T	T	T																								
J	TWY G Rehabilitation																											T	T	T	T		T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	RWY 13L/31R Pavement Remediation	13L/31R Pavement Remediation	07/07/2022 to 09/16/2022	Complete	G	Predominantly South Flow, with no impact to operations.
H	35R Localizer	RWY 35R localizer construction/installation	09/07/2022 to 11/07/2022	In Progress	G	RWY 35R localizer OTS for 8-10 weeks. Project will start after RWY 31R is opened.
I	Ramp A North & TWY JY Reconstruction	Ramp A North and TWY JY reconstruction project.	December 2022 to June 2023	Upcoming	T	
J	TWY G Rehabilitation	TWY G rehabilitation project.	September 2024 to 2026 TBD	Upcoming	T	



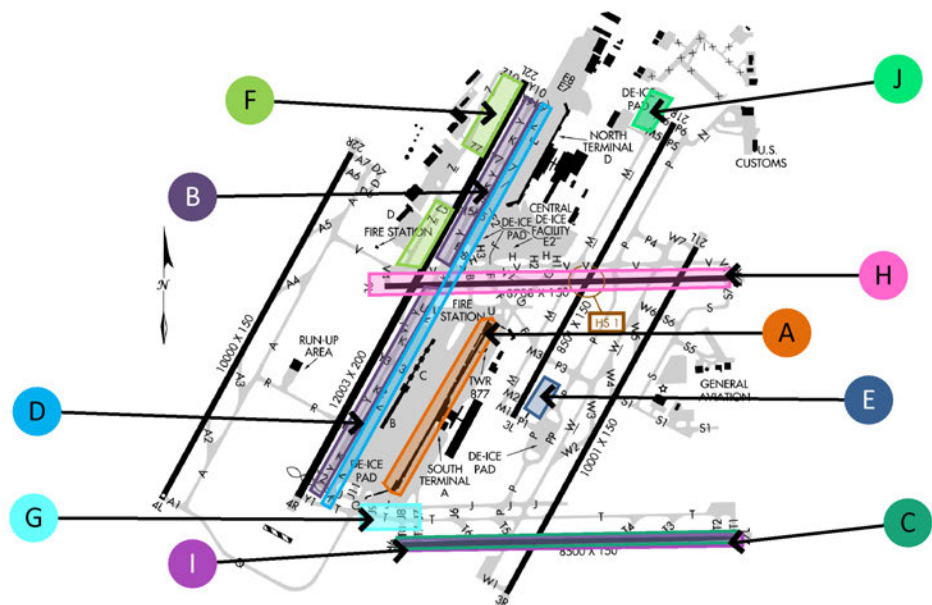
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K	Southwest End-Around Taxiway						G	G	G	G	G	G	G	G	G	G	G	G	G						
L	RWY 36L ALSF-2																			T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
K	Southwest End-Around Taxiway	RWYs 36L & 36R Southwest End-Around Taxiway (EAT). Package 1A.	12/01/2022 TBD to 12/01/2023	Upcoming	G	All construction completed outside the movement area. No operational impacts.
		Runway 36L & 36R South Section. Package II	September 2024 to January 2026	Upcoming	T	
		Runway 36L & 36R South Section. Package III	2025 TBD to 2026 TBD	Upcoming	T	
L	RWY 36L ALSF-2	Remove and replace Runway 36L MALSR with ALSF-2.	2024 TBD	Upcoming	T	The ALSF-2 project has been put on hold by DFW. There are no definitive plans to restart that project as it would require a runway shutdown.



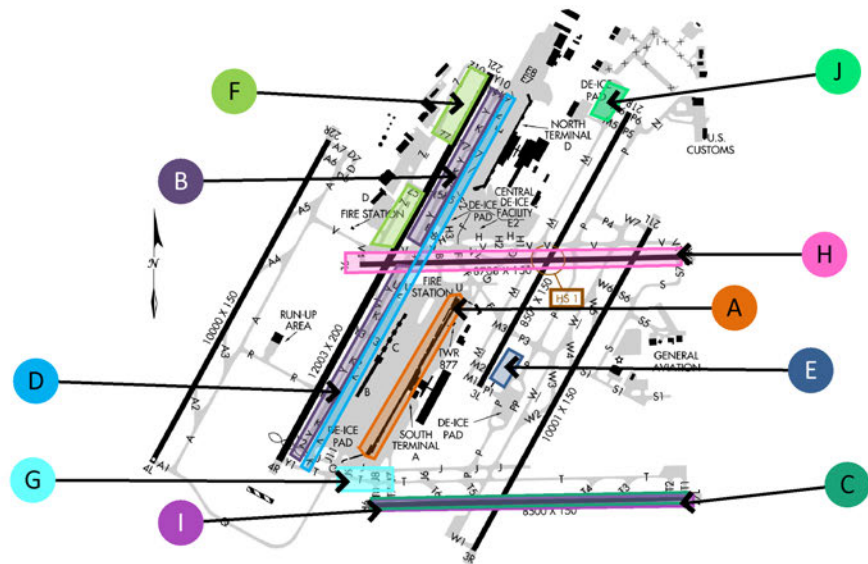
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M	TWYs A & EL Soil Remediation, Slopes 2 & 6	G	G	G																																	
N	TWY ER Soil Remediation, Slope 1	G	G	G																																	
O	RWY 17R/35L Rehabilitation - Phase 1									R	R	R	R	R	R																						

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
M	TWYs A & EL Soil Remediation, Slopes 2 & 6	Soil Slope Remediation, slopes 2 & 6. TWY EL will end July 6, 2022. TWY A project will begin August 2022.	May 2022 to 09/01/2022	Complete	G	
N	TWY ER Soil Remediation, Slope 1	TWY ER soil remediation, Slope 1.	July 2022 to 09/30/2022	In Progress	G	Night work only (2300 – 0600)..
O	RWY 17R/35L Rehabilitation - Phase 1	RWY 17R/35L will be a full rehabilitation. Dates are tentative.	March 2023 to August 2023	Upcoming	R	Rolling closures south to north.



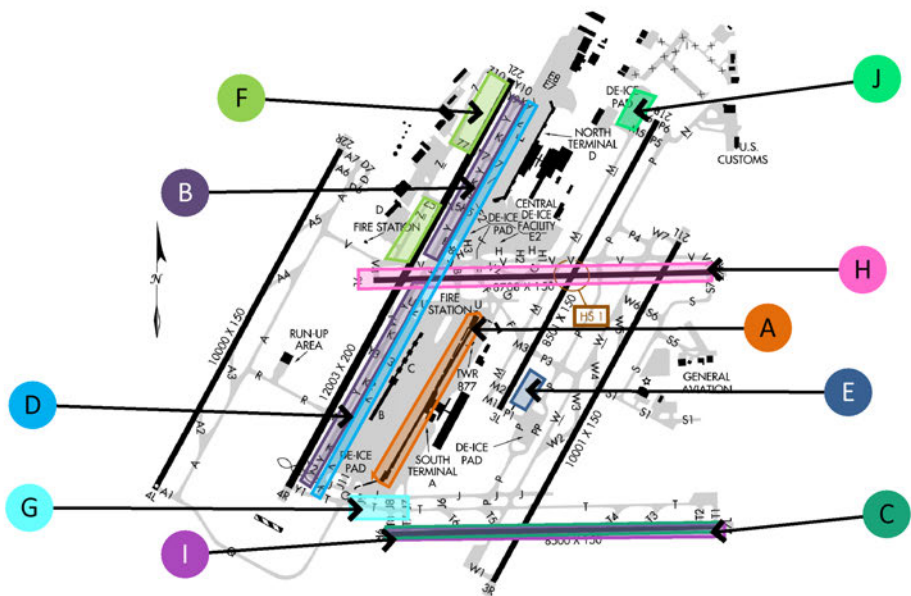
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A	McNamara Apron Rehabilitation	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	
B	TWY Y Rehab - Phases 1 & 2	G	G	G	G	G					G	G	G	G	G	G	G	G																			

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



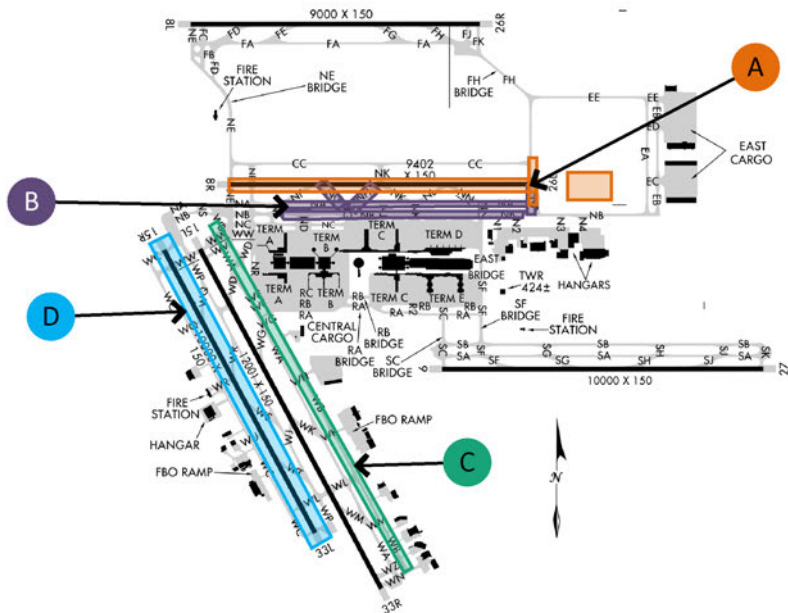
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C	RWY 9R/27L Rehabilitation																																				
D	TWY K Rehab - Phases 1 & 2																																				
E	RWY 3L Deice Pad																																				
F	TWY Z Construction																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	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.
D	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 Taxiway 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.
E	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.
F	TWY Z Construction	TWY Z relocation between TWY V & Z5, and rehab of pavement section between TWY Z7 & Z10.	04/01/2025 to 11/15/2025	Upcoming	G	TWY Z will be relocated out to standard separation.



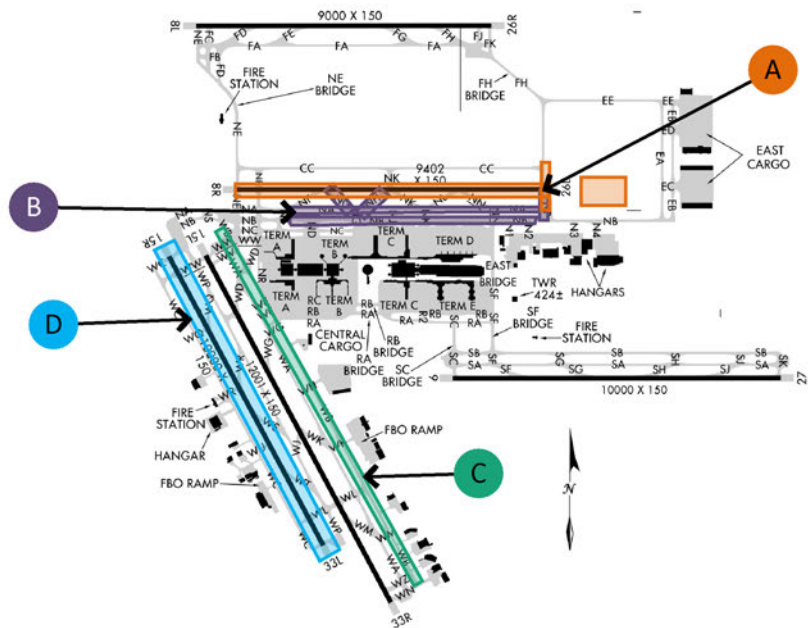
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G	TWY J	G																																			
H	RWY 9L/27R	G	G	G																																	
I	RWY 27L Pavement Repair		G	G																																	
J	RWY 21R Deicing Pad Removal																																		T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	TWY J	TWY J closed between TWY J7 and TWY J9 to aircraft with wingspans greater than 135 feet.	05/05/2022 to 07/22/2022	Complete	G	Project only affects heavy aircraft operations and the facility has minimized this impact through alternative taxi routes.
H	RWY 9L/27R	RWY 09L/27R closed except for taxiing between TWY V4 & RWY 3L/21R, and TWY W & TWY V1.	05/16/2022 to 09/30/2022	In Progress	G	The need to use RWY 9L/27R is extremely low until the Fall. If there are very high West winds (very unlikely during the summer), the AAR would be around 36 at best during heavy arrival demand.
I	RWY 27L Pavement Repair	RWY 27L pavement failure causing unscheduled repair and scheduled repainting.	08/16/2022 to 09/12/2022	Complete	G	No operational impact expected unless use or WEST flow is required.
J	RWY 21R Deicing Pad Removal	RWY 21R deicing pad will be removed and a new taxiway hold bay created.	04/01/2025 to 11/15/2025	Upcoming	T	Project will demolish RWY 21R deicing pad and construct a hold bay. RWY 3L/21R will remain open.



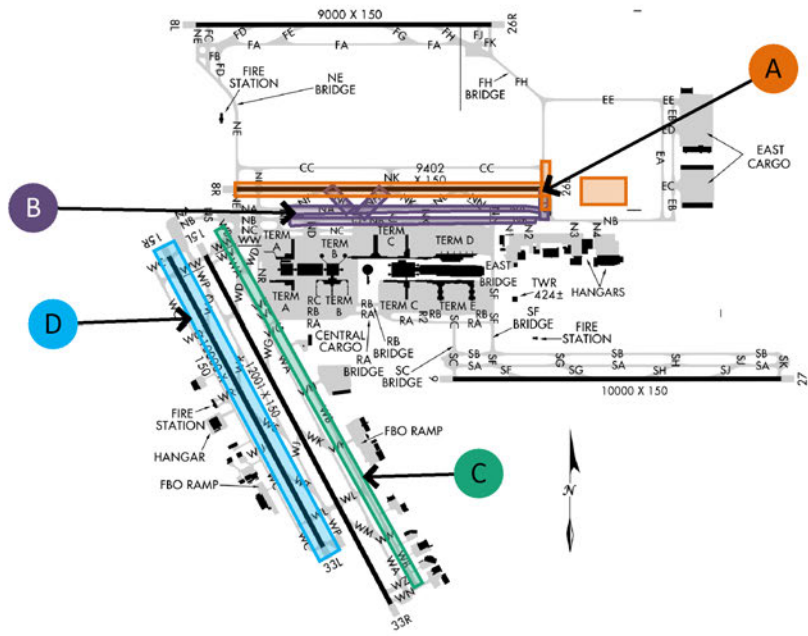
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A	RWY 26L ALSF Project	Y	Y	Y	Y	Y	Y	R	R	R																											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 26L ALSF Project	Removing all old ALSF equipment/buildings/etc. damaged from hurricane Harvey and building multiple storage buildings, new approach and in-pavement lighting for RWY 26L approach end.	Apr 2022 TBD to Fall 2022 TBD	In Progress	Y	Phase 1: 6 months; may have to adjust approach minimums for RWY 26L crane operations. Will involve a 3-month approach reduction and additional 3-month full runway closure.
		Phase 2: 3 months, approach lighting disabled, CAT I only approach available.	Fall 2022 TBD to Dec 2022 TBD	Upcoming	Y	Expect AAR 96-108 in VMC and IMC reduced AAR from 88-96 to 80-88. Rates reduced in IMC due to 26L being CAT I only. 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.	01/01/2023 to 03/31/2023	Upcoming	R	Expect single-stream arrivals on the NE and NW corners. Expect AAR 96-108 in VMC and IMC reduced AAR from 88-96 to 56-64. 30+ minute airborne and ESP delays during heavy arrival demand.



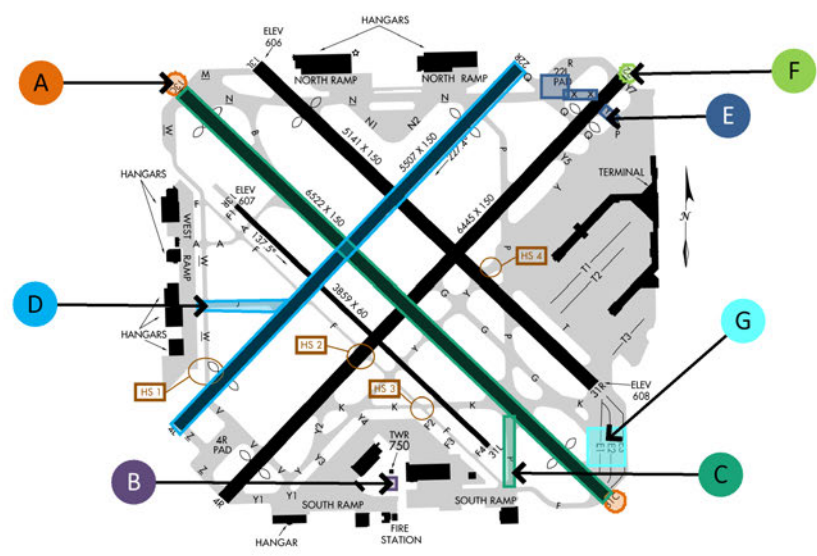
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B	TWY NA	G	G	G	G	G	G	G	G	G	G	G	R	R	R	R									

Project		Description of Work	Estimated Dates	Status	Impact	Notes
B	TWY NA	TWY NA phased closures in conjunction for widening to accommodate ADG VI aircraft. TWY NA closed between TWY NF & TWY NJ. TWY NG closed between RWY 08R/26L & TWY NB. TWY NH closed between RWY 08R/26L & TWY NA. TWY NP runup pad for 26L closed. TWY NB closed between TWY NF & NP to aircraft with wingspans greater than 225 feet except PPR. TWY NA closed between TWY NJ & NP to aircraft with wingspans greater than 171 feet.	January 2022 to Sep 2023 TBD	In Progress	G	Runway 8R/26L will be closed at some point during this project for tie-in taxiways and lighting.
		Estimated three-month closure project to tie-in taxiways and lighting.	06/01/2023 to 09/01/2023	Upcoming	R	Expect single-stream arrivals on the NE and NW corners. The AAR is expected to be reduced from 96-108 in VMC to 72, and from 86-96 in IMC to 56-64. 30+-minute airborne and ESP delays during heavy arrival demand.



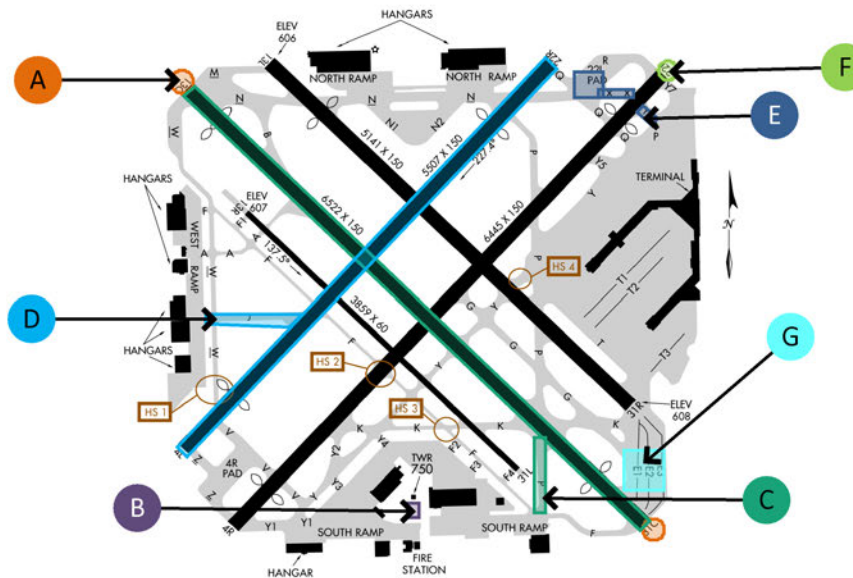
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C	TWY WB Reconstruction	G																																			
D	RWY 15R/33L Closure (daily)			Y	Y																																

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY WB Reconstruction	Complete reconstruction of TWY WB.	Jan 2020 TBD to July 2022	Complete	G	Phased closures in effect. TWY WB closed between 750-1000 feet north of TWY WN to aircraft with wingspans greater than 95 feet. TWY WB closed between TWY WM & north of TWY WZ. TWY WB closed between 350-600 feet north of TWY WZ to aircraft with wingspans greater than 95 feet. TWY WB closed between 150-400 feet south of TWY WM to aircraft with wingspans greater than 69 feet.
D	RWY 15R/33L Closure (daily)	Runway 15R/33L, a primary departure-runway, is closed daily from 0300Z-2200Z (2200L-1700L) for maintenance.	09/25/2022 to 10/16/2022	In Progress	Y	Operational Impact: After 1500Z/0900L daily, expect reduced AAR 72 VMC / AAR 64 IMC. In addition, expect single-stream arrivals on the northeast and northwest corners.



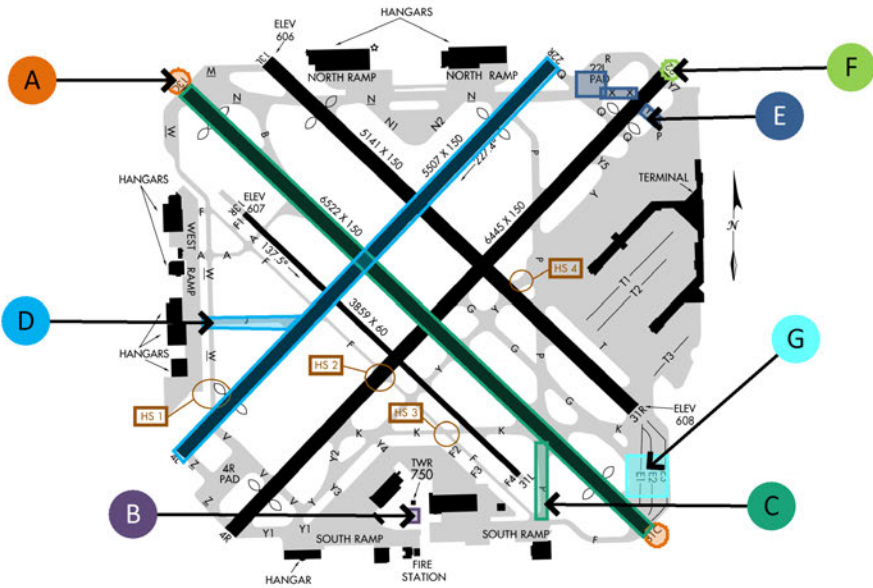
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A	RWY 13C/31C EMAS		T	T	T																																
B	RTR Relocation		G	G	G	G	G	G	G	G	G	G	G																								
C	RWY 13C/31C													T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T								
D	RWY 4L/22R & TWY J																															T	T	T	T	T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

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 13C/31C EMAS	EMAS repairs on both ends and SCC navaid work in RSA.	08/10/2022 to October 2022	In Progress	T	Runway 13C/31C will be closed for 56 hours on a date range to be coordinated with ATC and users. The runway may be additionally restricted to landings only (no takeoff) for 24-72 hours thereafter as the EMAS surfaces cure.
B	RTR Relocation	Remote Transmitter Receiver (RTR) to be relocated from middle of airfield to GA Apron (southwest corner).	08/29/2022 to Spring 2023 TBD	In Progress	G	The completion includes the removal of old copper cable and future fiber cable installed.
C	RWY 13C/31C	RWY 13C/31C Pavement Rehabilitation.	06/15/2023 to 11/01/2024	Upcoming	T	Currently planned for overnight closures, will have two to three 56-hour closures. Expected to include removal of TWY P between RWY 31C and TWY F.
D	RWY 4L/22R & TWY J	RWY 4L22R and TWY J Pavement Rehabilitation.	2025 to 2026 TBD	Upcoming	T	RWY 4R/22L rehab may move to 2025 TBD, and RWY 4L/22R rehab may be pushed back one or more years.



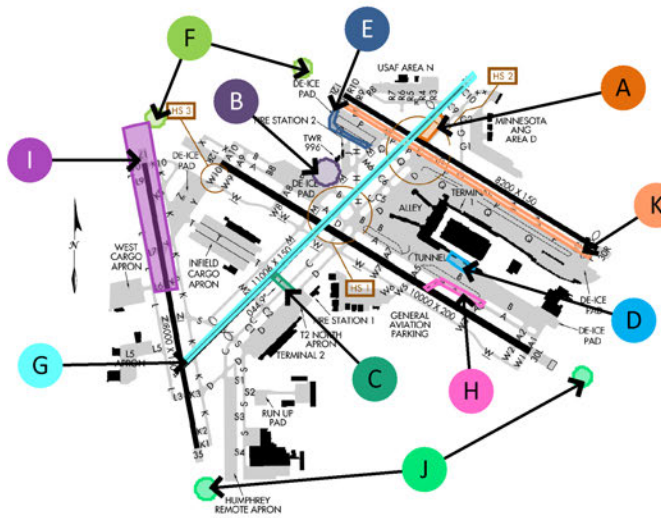
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E	TWY N	T	T																						
F	RWY 4R/22L EMAS		T	T	T																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	TWY N	Permanent closure of Taxiway N between RWY 22L and TWY Q/22L Pad.	Summer 2022 to 08/12/2022	Complete	T	The section of existing TWY N between TWY Y and RWY 22L will be redesignated as Y6. Existing Y6 will be redesignated as Y7. Closure eliminates a RIM noncompliant runway/taxiway intersection and 5-node intersection. NFDC will reflect change in the 9/8/2022 publication(permanent closure of TWY N between 22L Pad and RWY 4R/22L). TWY N between RWY 4R/22L and TWY Y redesignated TWY Y6, and a taxiway T3 is established on the Terminal Ramp.
F	RWY 4R/22L EMAS	EMAS repairs and replacement of 8 concrete slabs at 22L end.	08/10/2022 to October 2022	In Progress	T	Runway 4R/22L will be closed for 56 hours on a date range to be coordinated with ATC and users, but not on the same week as the similar 13C/31C closure. The runway may be additionally restricted to landings only (no takeoff) for 24-72 hours thereafter as the EMAS surfaces cure.



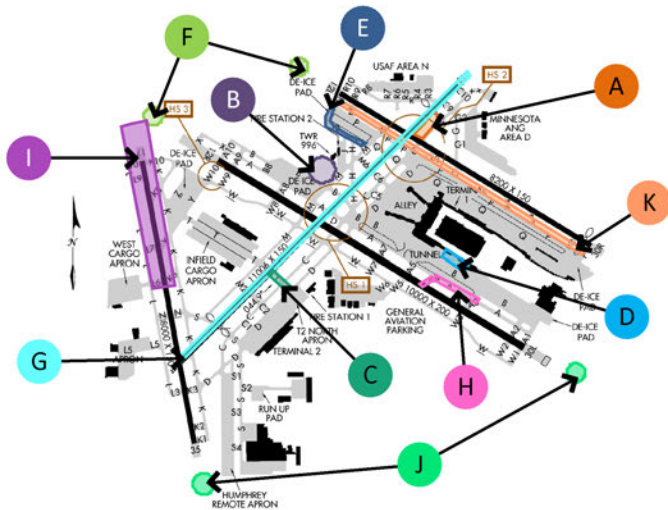
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G	TWYs E1, E2, E3																			T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	TWYs E1, E2, E3	Reconfiguration from three contiguous taxilanes into two discrete taxiways with green space between.	2024 TBD to 2025 TBD	Upcoming	T	<p>Required by FAA Airports/RIM Initiative. This area may also be subject to an FAA mandated relocation of the 31C approach zone hold lines (presently designated as ILS lines even though not an ILS critical area), pending outcome of FAA's nationwide study of approach protection zones and procedures.</p> <p>Based on the Chicago Department of Aviation's draft Capital Improvement Plan, this work starts in 2024 and ends in 2025.</p> <p>A design concept may be introduced by the Chicago Department of Aviation by the end of the calendar year.</p>



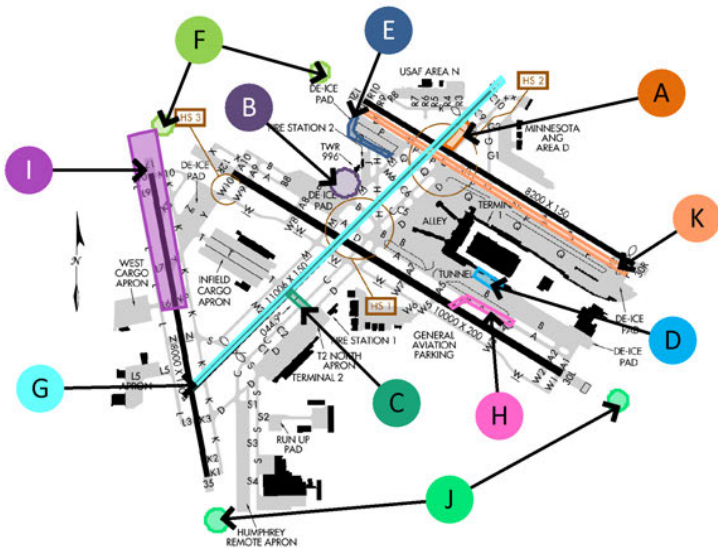
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A	Miscellaneous Airfield Construction	G	G	G	G	G																															
B	Safety and Security Station (SSC) and New ARFF Station		G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G						
C	TWY T Centerline lights			G	G																																

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Miscellaneous Airfield Construction	Grading and drainage improvements to Runway Safety Areas (RSAs), airfield pavement marking modifications, and electrical upgrades to airfield signs and runway guard lights.	05/01/2020 to Nov 2022 TBD	In Progress	G	
B	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.
C	TWY T Centerline lights	TWY T centerline lights to be replaced in 2022.	09/06/2022 to 10/31/2022	In Progress	G	Minimal impact to taxi operations in Cargo Ops area.



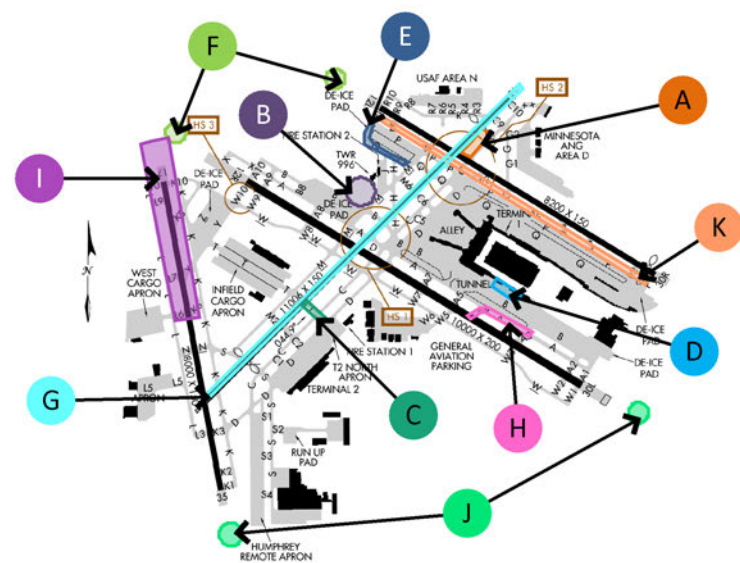
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D	Partial TWY B and Concourse G Apron Reconstruction	G	G	G	G																																
E	TWY Q	T																																			
F	RWYs 12L/12R Localizers		Y	Y																																	
G	RWY 4/22 RSA		G	G	G																																

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	Partial TWY B and Concourse G Apron Reconstruction	Taxiway B Reconstruction (Gates G12 – G17)	04/18/2022 to 10/01/2022	In Progress	G	Minimal impact to taxi operations and RWY 12R/30L exits near the G Concourse of MSP Terminal 1.
E	TWY Q	TWY Q closed between TWY J and TWY P.	05/02/2022 to 07/06/2022	Complete	T	
F	RWYs 12L/12R Localizers	RWYs 12L/R localizer arrays will be replaced with a 20-array system to bolster the frequency strength	08/01/2022 to 09/05/2022	Complete	Y	Minimal impact to users without suitable RNAV capability when Localizers are OTS. Only one localizer will be inoperative at a time. Estimated completion for each localizer is 3 weeks.
G	RWY 4/22 RSA	RSA Grading along the SW quarter of RWY 4/22.	08/15/2022 to 10/21/2022	In Progress	G	RWY 4/22 will be closed for the duration of the project. Reduced capacity and delay impact may occur if in high crosswind conditions. This closure coincides with the closure of RWY 17/35 for RSA grading.



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	Project	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	JAN	FEB	MAR	APR	MAY	JUN
H	TWYs A3 & A4	G	G	G	G																																
I	RWY 17/35 RSA Grading			Y	Y																																
J	RWYs 30L & 35 Localizer Platforms										Y	Y	Y																								

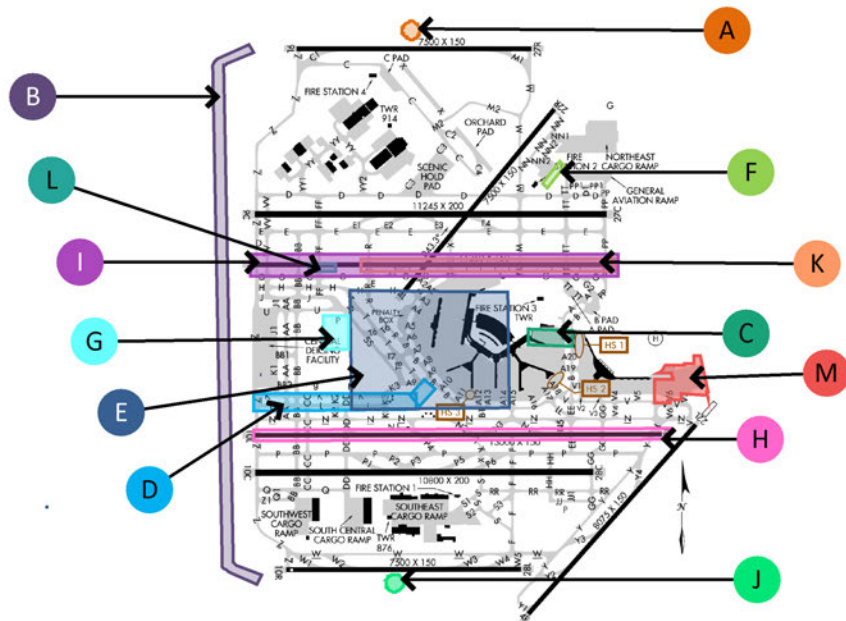
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	TWYs A3 & A4	TWY A closed between TWY A3 and TWY A4 to aircraft with wingspans greater than 135 feet. TWY A4 closed to aircraft with wingspans greater than 135 feet.	04/21/2022 to 10/01/2022	In Progress	G	
I	RWY 17/35 RSA Grading	Additional RSA Grading for RWY 17/35.	09/06/2022 to 10/21/2022	In Progress	Y	RWY 17/35 will be closed. Coordinated with closure of RWY 4/22 for RSA Grading. VMC AAR: 70; LVMC AAR 62; IMC AAR 54; LIMC AAR 48
J	RWYs 30L & 35 Localizer Platforms	RWY 30L & 35 Localizer platforms will be replaced.	Spring 2023 TBD	Upcoming	Y	Minimal impact to users without suitable RNAV capability when localizers are OTS. Estimated completion of platform replacement is 3 weeks. RWY 35 Localizer Platform tentatively planned for Spring 2023.



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K	TWY P Reconstruction Phases 1 & 2	Y	Y	Y																																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
K	TWY P Reconstruction Phases 1 & 2	TWY P to be reconstructed in 2022. Construction will consists of two phases. First phase will close TWY P from TWY P9 to TWY P10.	05/09/2022 to 07/06/2022	Complete	Y	Impact only if aircraft will require a full length runway departure. LUAW NA during night time hours. If full length runway is required regularly, these are the estimated rates: VMC AAR: 54; LVMC AAR: 40; IMC AAR: 40
		Taxiway P to be reconstructed in 2022. Second phase will close TWY P from TWY P9 to TWY M.	07/05/2022 to 09/30/2022	In Progress	Y	Minimal impact to taxi operations on the north side of Terminal 1. RWY 12R/30R exits may be blocked which may require increased spacing on final approach to accommodate exiting aircraft. Increased arrival and/or departure delays may be encountered when on a straight 30s configuration (RWY 17 N/A) during peak arrival periods when aircraft cannot exit prior to RWY 4/22. The size and duration will be dependent on the conditions and demand for that period. Estimated rates: VMC AAR: 54; LVMC AAR: 40; IMC AAR: 40

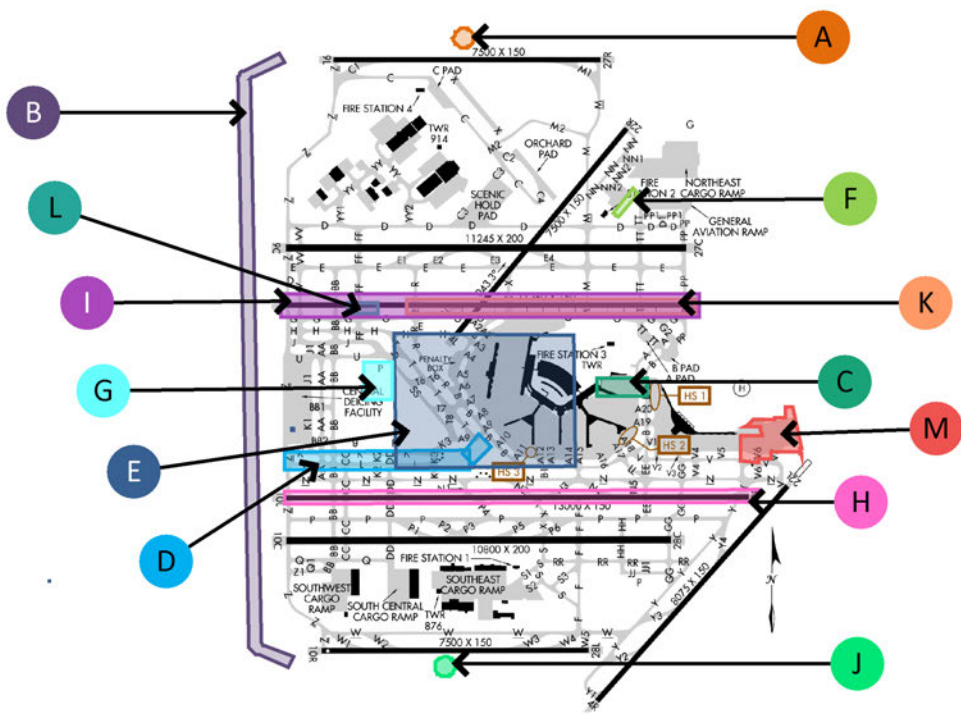
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A	North ASDE	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G						
B	Western toll-way bypass	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y						
C	Lima Concourse	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G						

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

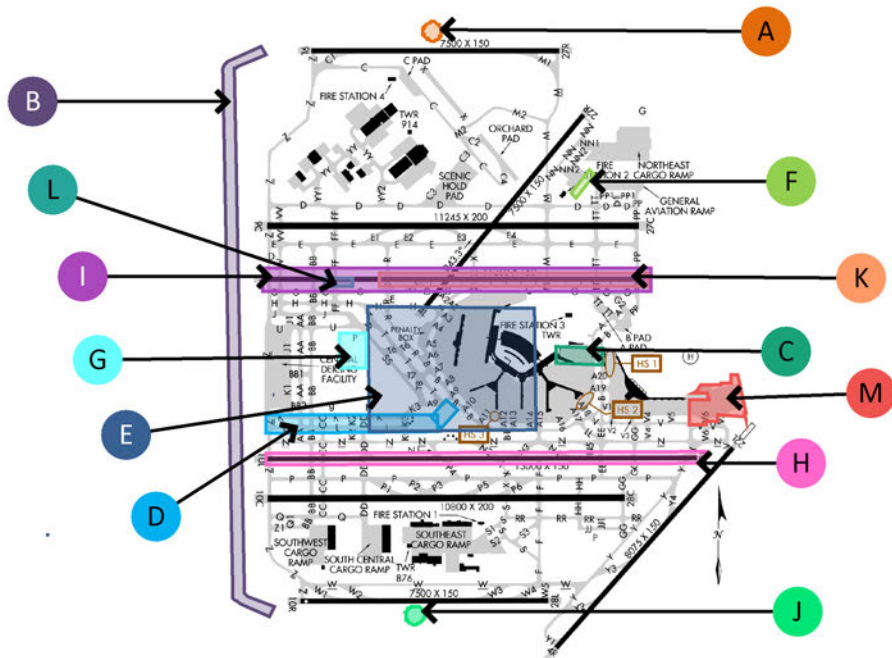
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D	Core TWY Reconstruction	Y	Y	Y	Y	Y	Y	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T						
E	Terminal Area Plan (TAP)							T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	Core TWY Reconstruction	Reconstructing TWYs K & L into TWYs A & B.	July 2020 to Q2 2023	In Progress	T	Alternate taxi routes to be utilized during multi-phase construction plan. TWY B expected to close between A9 & A11 beginning Fall 2022. Reduced capacity and delay impact based on possible construction plans. The final plan has still not been decided so the impact is also TBD.
			July 2022 to 2022 TBD	In Progress	Y	
			2023 TBD to 2024 TBD	Upcoming	T	
E	Terminal Area Plan (TAP)	Terminal areas redevelopment and construction.	2023 TBD to 2028 TBD	Upcoming	T	Multi-year phased projects. Taxiway closures may change taxi routes and increase taxi in/out times during construction.

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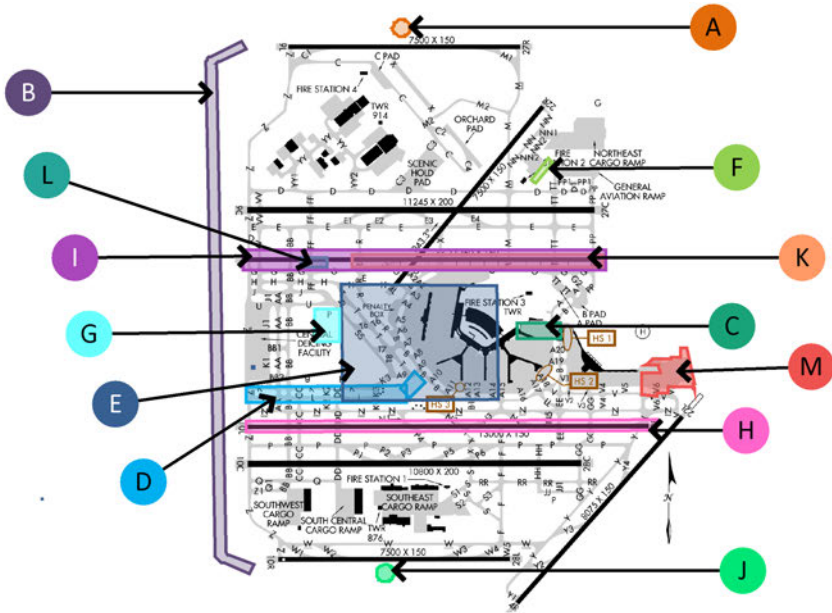


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F	NE Cargo Ramp Phase III Construction	G	G	G																																	
G	FAA Facilities Relocation							T	T	T	T	T	T	T	T	T	T	T	T																		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	NE Cargo Ramp Phase III Construction	Construction of additional cargo facilities along with an additional taxilane (NN2).	Summer 2022 to 09/12/2022	Complete	G	NEC ramp expected completion date: August 2022. Taxilane NN2 expected completion date: Sept 2022. Completion date is 9/12/2022 at this time. Due to a local strike, completion date may be extended. The CHI-ADO is expecting a letter from the CDA explaining the impact of the strike to this project by the end of August 2022.
G	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	Construction currently on hold.

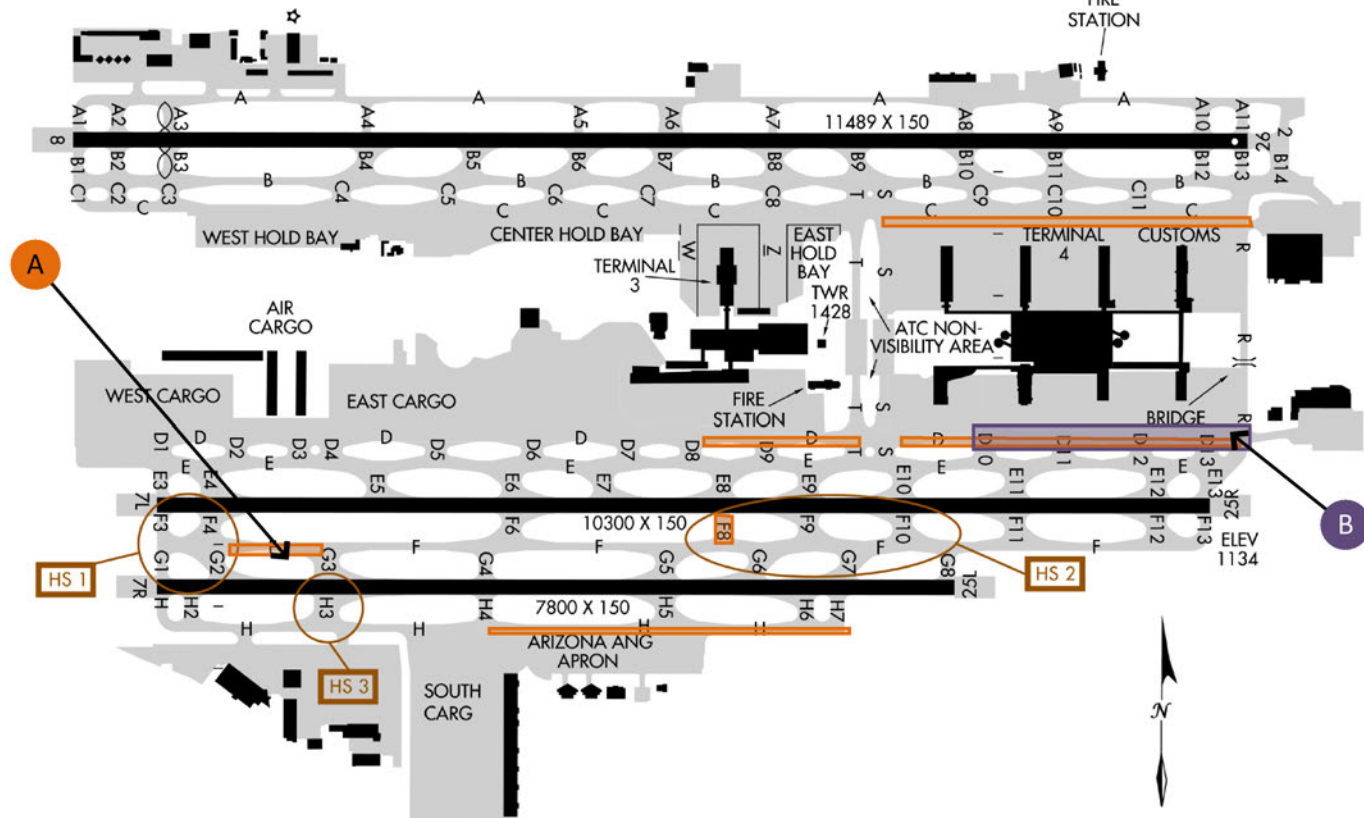
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	RWY 10L ALSF	Construction of the new ALSF infrastructure for the tollway.	05/16/2022 to 09/14/2022	Complete	T	Until completion runway is CAT I only with RVR 4000
I	RWY 9R/27L Grading	A 60-day closure of runway 9R/27L to address pre-existing infield grading issues.	08/15/2022 to 10/14/2022	In Progress	T	East Flow - Runway 9C will be utilized for departures and will not be regularly available for arrivals. Primary east flow configuration will be 10R/10C/9L arrivals and 9C/10L departures. West Flow - Runway 27L not available for departures. Primary west flow configuration will be 27R/27C/28C arrivals and 22L/28R departures.
J	South ASDE	Construction of a new South ASDE SMR (airport surface detection radar antenna) site.	2023 TBD	Upcoming	T	Construction delayed.

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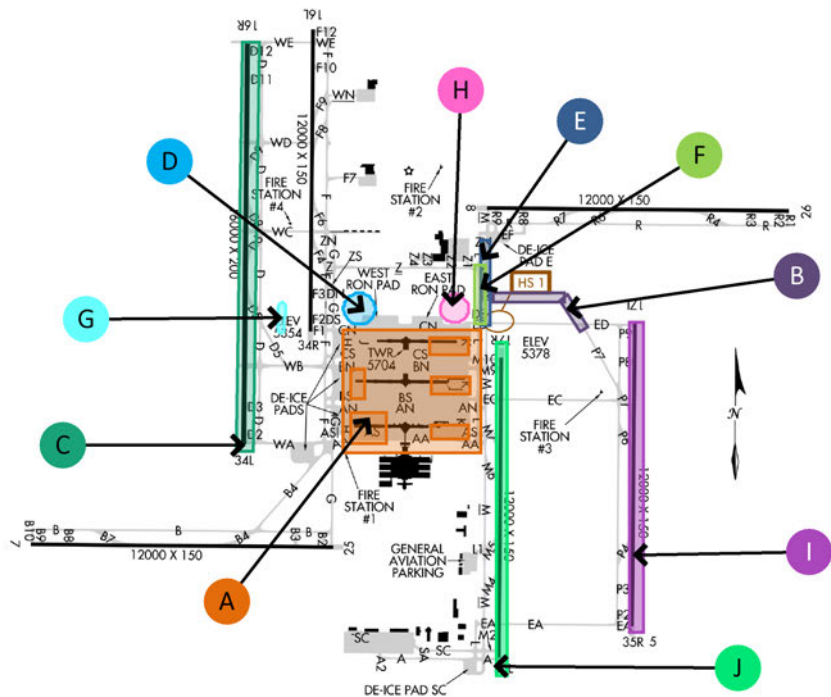
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K	RWY 9R/27L ALS	G	G	G	G	G	G	G	G	G	G	G	G																								
L	RWY 9R ILS	G																																			
M	Terminal 5 M Extension	G																																			

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
K	RWY 9R/27L ALS	Approach Lighting System (ALS) decommissioned due to runway construction. Runway will be closed.	05/01/2017 to Spring 2023 TBD	In Progress	G	ALS to 27L anticipated this Fall 2022. 9R ALS expected Spring 2023. No significant impact however 9R may be unavailable for arrivals during low visibility winter conditions. Not a primary arrival runway, impact minimal. CAT I was published 7/14/2022. CAT II/III burn-in progressing.
L	RWY 9R ILS	Minimums increased on RWY 9R ILS. The runway is open.	05/01/2017 to 07/14/2022	Complete	G	Runway commissioned to the NAS on 12/2/2021. RWY 9R open to arrivals March 1, 2022.
M	Terminal 5 M Extension	Demolition of existing airside and landside facilities. New airside apron and taxiway improvements.	January 2019 to July 2022	Complete	G	No further closures expected in association with terminal extension. International ramp will be ongoing but that phase should be complete in July.



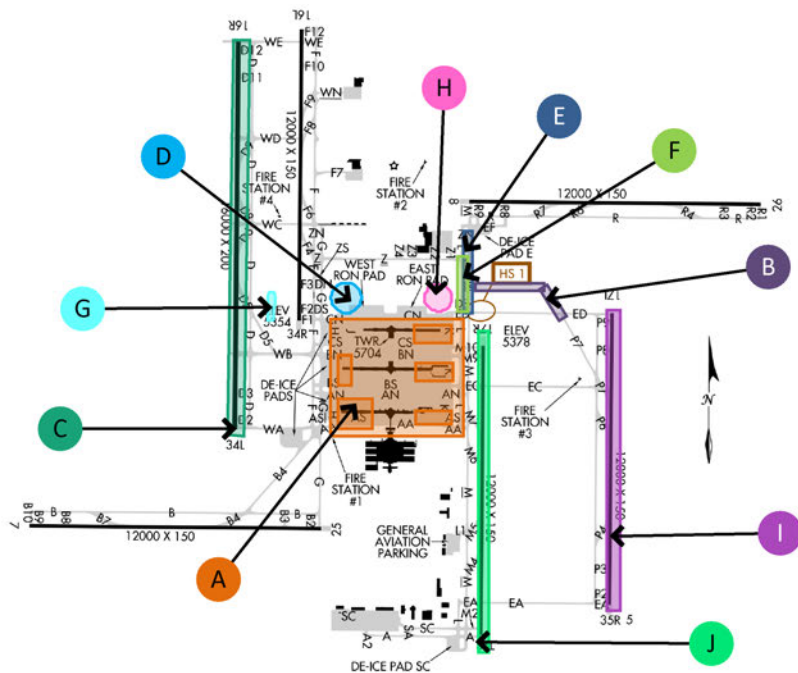
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A	TWYs C, D, F, F8 and H Restricted	G	G	G	G	G	G	G																													
B	TWY D10	G	G	G	G	G	G																														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWYs C, D, F, F8 and H Restricted	TWY C closed between TWY S and TWY R, TWY H closed between TWY H4 and TWY H7 to aircraft with wingspans greater than 171 feet. TWY F8 closed to aircraft exiting RWY 07L/25.	01/01/2022 to 01/01/2023	In Progress	G	TWY D closed between TWY D8 and TWY T, TWY D closed between TWY S and TWY R, TWY F closed between TWY G2 and TWY G3 to aircraft with wingspans greater than 135 feet.
B	TWY D10	TWY D closing nightly for storm drain replacement. TWY D closures are between TWY D10 to TWY R.	04/03/2022 to December 2022	In Progress	G	These will be nightly closures with very little to no impact.



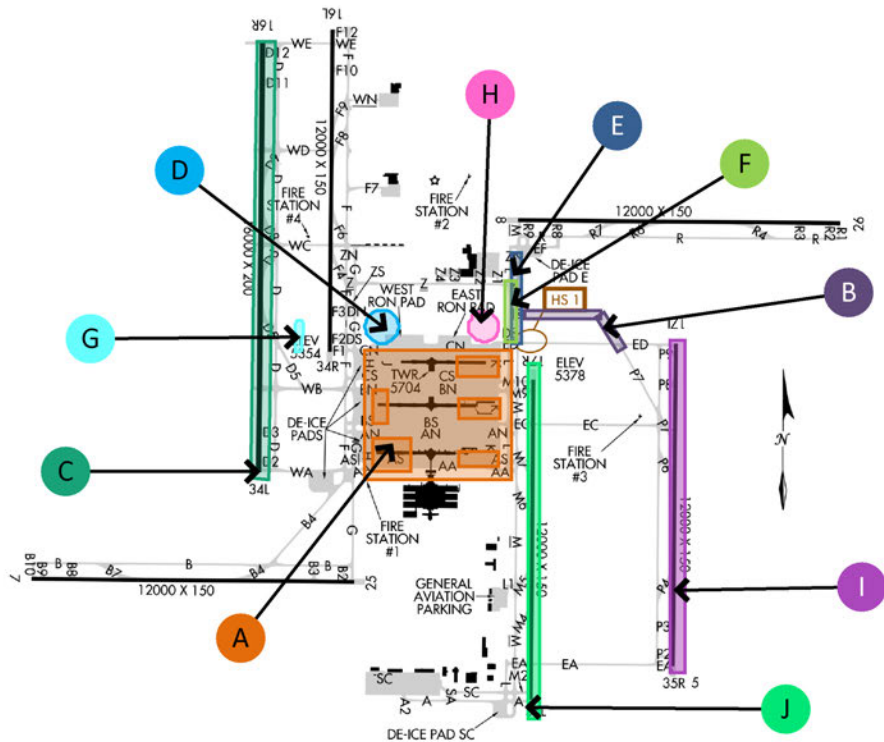
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A	Terminals A, B, & C	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																		
B	TWY EE	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																				
C	RWY 16R/34L Rehab	Y	Y	Y	Y																																

	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	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	
C	RWY 16R/34L Rehab	Rehabilitation of RWY 16R/34L planned for Summer 2022.	06/03/2022 to 10/03/2022	In Progress	Y	Rates may be reduced due to runway closure. May go from a 3-runway rate to a 2-runway rate.



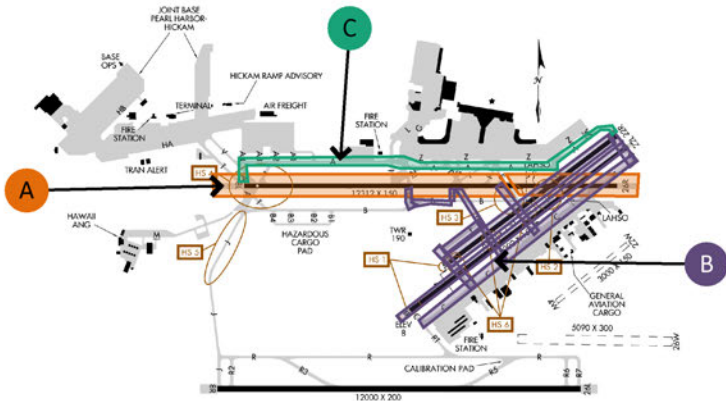
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D	West Deice Pad Expansion	G	G	G	G	G	G	G																													
E	TWY M (DS to ZN)	T																																			
F	TWY L (DS to Z)		G	G	G																																
G	West Gates DIW Pond							G	G	G	G	G	G	G	G	G	G	G	G	G	G	G															

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	West Deice Pad Expansion	Expansion of DS West deicing pads to increase capacity.	Summer 2021 to 01/31/2023	In Progress	G	
E	TWY M (DS to ZN)	TWY M closed between TWY DS to ZN.	05/05/2022 to 07/31/2022	Complete	T	
F	TWY L (DS to Z)	TWY L closed between TWYs DS and Z.	08/01/2022 to 10/31/2022	In Progress	G	
G	West Gates DIW Pond	West Gates DIW Pond construction. Construction of new ponds to collect, store, and treat storm water runoff and expended deicing fluid.	01/01/2023 to 03/31/2024	Upcoming	G	



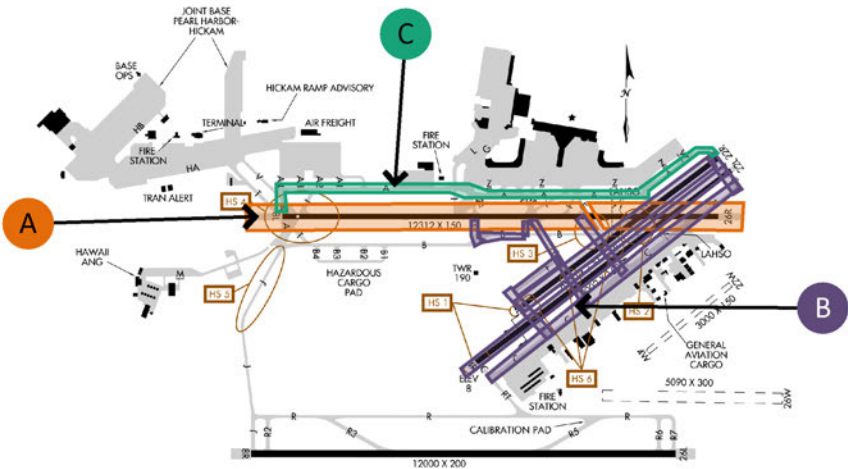
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H	East Delce Pad Expansion												G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G						
I	RWY 17L/35R Rehabllitation												Y	Y	Y	Y	Y																				
J	RWY 17R/35L Rehabllitation																								Y	Y	Y	Y	Y								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	East Deice Pad Expansion	Expansion of DS East deicing pad to increase capacity.	06/01/2023 to 12/31/2024	Upcoming	G	
I	RWY 17L/35R Rehabilitation	Rehabilitation of Runway 17L/35R planned for Summer 2023.	06/01/2023 to 10/01/2023	Upcoming	Y	
J	RWY 17R/35L Rehabilitation	Rehabilitation of Runway 17R/35L planned for Summer 2024.	06/01/2024 to 10/01/2024	Upcoming	Y	



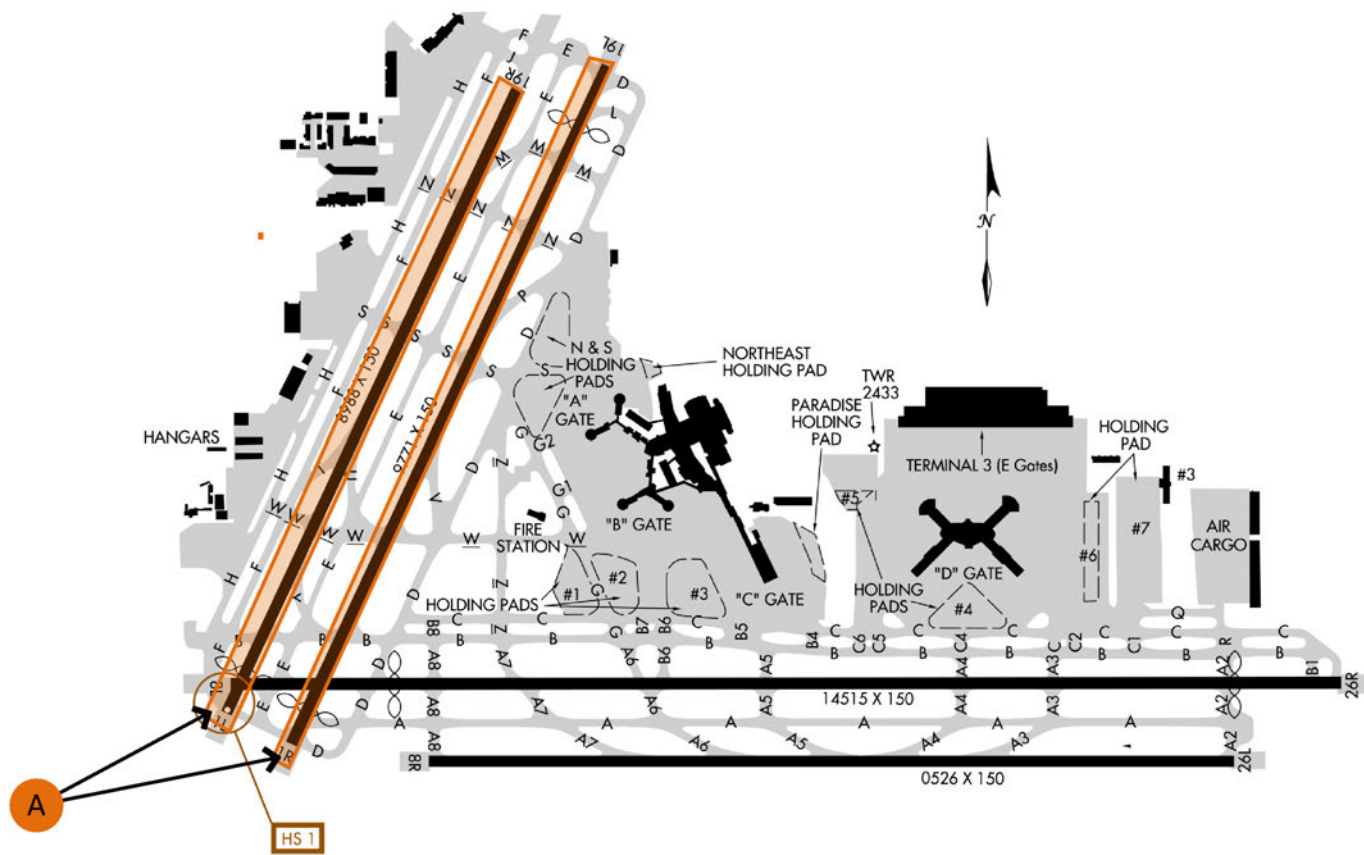
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A	RWY 8L/26R - Phases 1 & 2				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y						

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 8L/26R - Phases 1 & 2	Phase 1 will shorten RWY 26R by 3200' for east-end work. RWY 8L/26R will be widened from 150 to 200 feet. Phase 1 (East phase) will lasts approximately three (3) months.	01/01/2023 TBD to 04/01/2023 TBD	Upcoming	Y	Nine (9) Stage project. West and center stages RWY 8L requires full closures resulting in lower AARs. TMLs will be in place for arrivals during peak periods (0900-1500 HST), miles-in-trail (MIT), and/or call for release may be implemented. Expecting arrival/departure delays 15 minutes. Expect delays for RWY 8R. Possible delays for RWYs 22L/26L, for RWY 22L departures due to RWY 26L arrivals. Increased taxi times for aircraft requesting RWY 26L departure.
		RWY 8L/26R will be widened from 150 to 200 feet. Phase 2 (center and west-end phase) runway closures. Phase 2 (stages 3-9) should be complete by 2024. Stage 2 (west-end phase closure) will last 120 days with a shortened runway configuration (departures allowed from TWY L). Stage 3 (center portion of runway) will require a full runway closure and will last 30 days. Stage 4-9 (TWY V/T and A/8L threshold) will require a shortened runway with departures allowed 24/7 from TWY J and arrivals from 0700 to 1700 and will last 195 days.	10/03/2022 TBD to 2024 TBD	Upcoming	Y	Expecting arrival/departure delays 15 minutes. Expect delays for RWY 8R. Possible delays for RWYs 22L/26L, for RWY 22L departures due to RWY 26L arrivals. Increased taxi times for aircraft requesting RWY 26L departure. Expect airborne and departure delays.
		Stage 10 – 12 (nightly closures) for final marking and grooving will last 50 days.	2024 TBD	Upcoming	G	



		2022						2023						2024						2025					
	Project	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
B	TWY/RWY Shoulder Rehab							Y	Y	Y	Y	Y	Y	Y	Y	Y									
C	TWY A Realignment																T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
B	TWY/RWY Shoulder Rehab	Rehabilitate and correct RWY and TWY shoulders per Part 139 inspection.	Feb 2023 TBD to Sep 2023 TBD	Upcoming	Y	Cannot start till RWY 8L Phase 2 complete. Most of work occurs near RWYs 4L/22R & 4R/22L. Awaiting contract award.
C	TWY A Realignment	TWY A realignment. Estimated start of construction is 2024.	2024 TBD to 2028 TBD	Upcoming	T	Taxiway reconfigurations based on HNL geometry study completed May 2018.

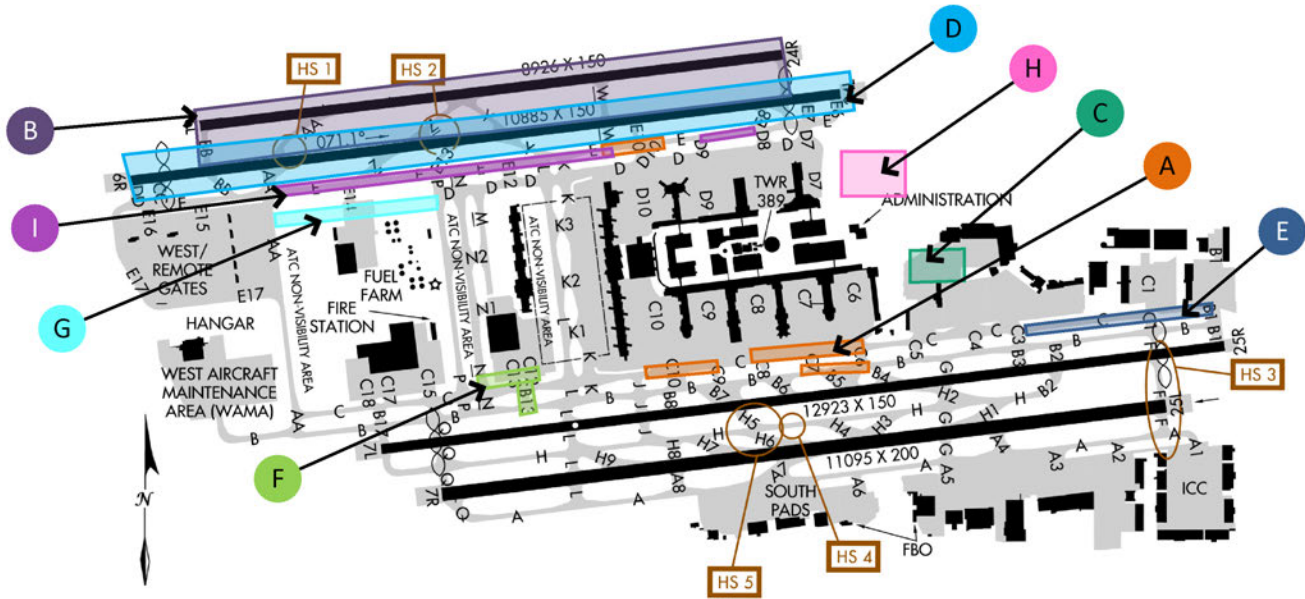


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	Project	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
A	RWYs 1L/19R & 1R/19L rehab				Y	Y	Y	Y	Y	G	G	G	G	G	G	G																					

	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 Feb 2023 TBD	Upcoming	Y	Order of runways to be rehabilitated TBD. Current Construction Phasing Plan shows an overall duration of 332 calendar days for the entire project, affects both runways. RWY 1L/19R is expected to be affected before RWY 1R/19L, and closed for approximately 45 days. Runway closures are TBD.
		Completion of runway closure work.	March 2023 to Summer 2023	Upcoming	G	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY C Reconstruction	Reconstruct existing deteriorated pavements. Taxilane C Phase 1 –(from Gate 57 to C10). The construction starts in June. Timing of other areas to be determined. Phase 2 includes the closure of TWY C between TWYs C9 and C10, TWYs C9 and C10 between TWYs C and B.	June 2022 to 09/30/2022	In Progress	G	Taxi times may be increased based on this closure and the departure/arrival runway. Taxilane C9 gates can expect to enter and exit via Taxiway C at C10. Aircraft on the north standard taxi route can expect to transition out to Taxiway B westbound. Aircraft exiting Runway 7L/25R use caution for opposite direction traffic on Taxiway B.
B	RWY 6L/24R & Exit Taxiways	RWY 6L/24R closure to support new exit taxiway construction. Runway work will include 7,100 feet of milling concrete and an asphalt overlay.	09/01/2023 TBD to 12/01/2023	Upcoming	R	January 2023 - Mobilization for North Exit RWYs/TWYs Construction will lasts from mid-September 2023 to the end of December 2023. (Single CAT II/III RWY)

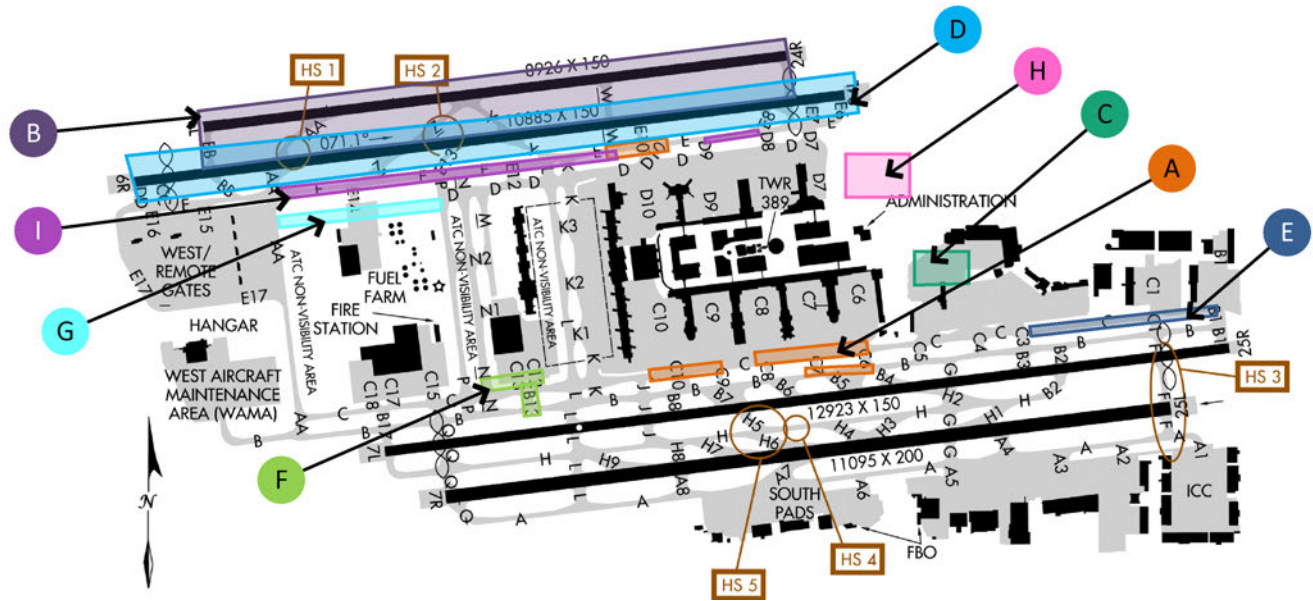
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C	Terminal 9							G	G	G	G	G	G	G	G	G	G	G	G																			
D	RWY 6R/24L Rehab & Exit Taxiways																			R	R	R	R	R	T	T	T	T	T	T	T							
E	TWY C Closure (C3 to B1)																			G	G	G	G	G	G	G	G	G	G	G	G	G						

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

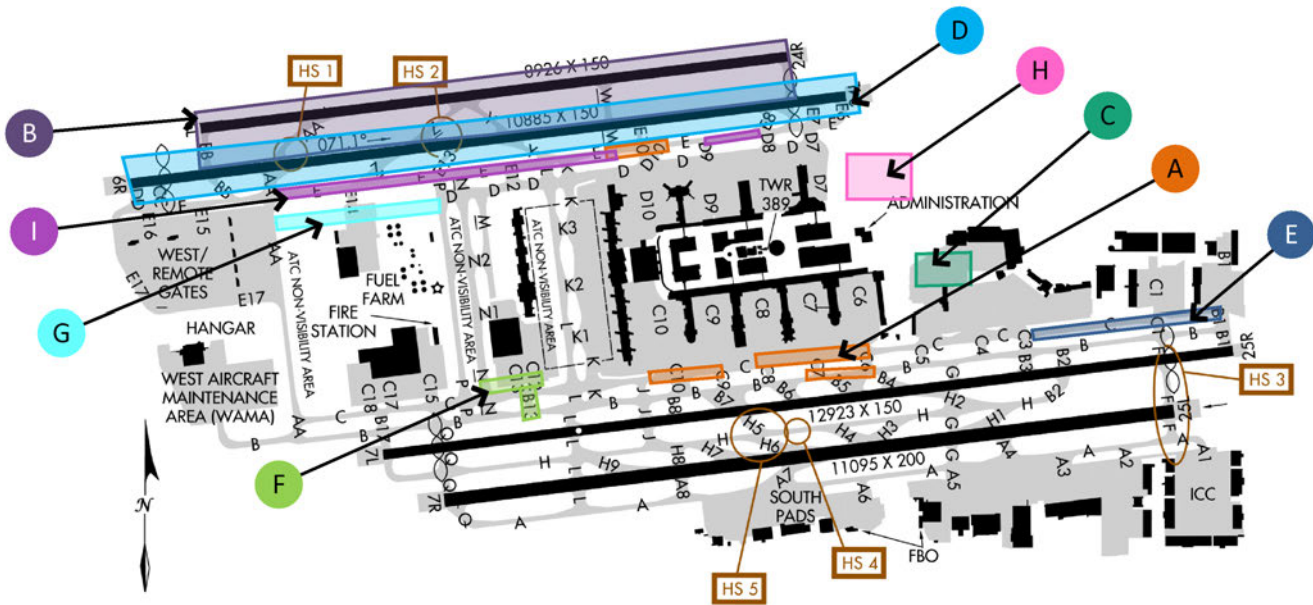
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F	TWYs C12/C13 (Phases 1 & 2)	G	G	G																					
G	TWY D Extension & TWYs							Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

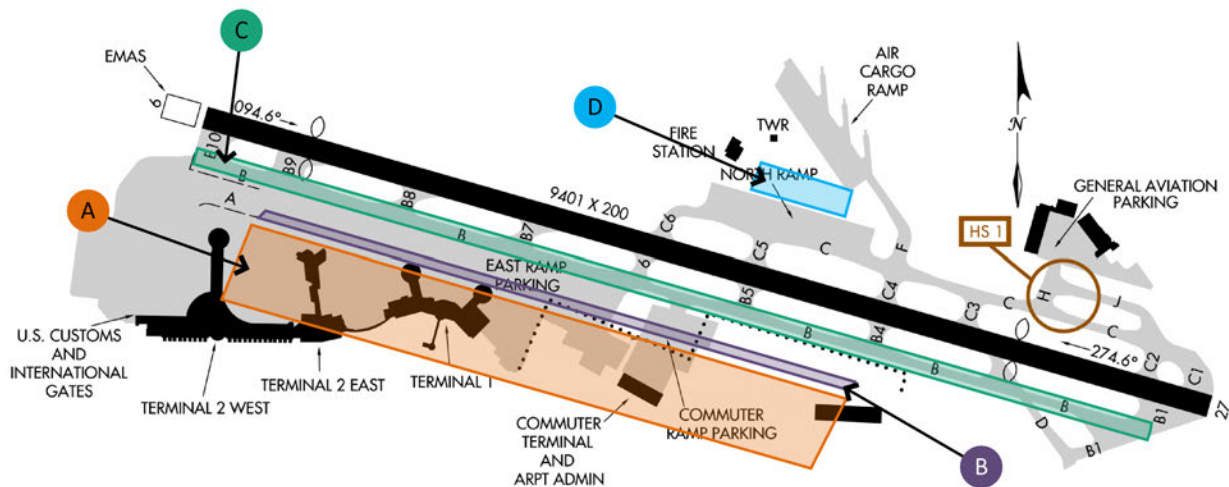
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	TWYs C12/C13 (Phases 1 & 2)	Phase 1: TBIT West South Terminal Project. Construction of future Taxilane C13 and decommissioning of Taxilane C12. This will include the closure of TWY C between TWY N and Taxilane C12. TWY B13 closed between TWYs B and C.	04/12/2022 to 08/12/2022	Complete	G	Aircraft on the north standard taxi route can expect to transition out to TWY B westbound and be given additional instruction on where to rejoin the north route. Aircraft exiting RWY 7L/25R use caution for opposite direction traffic on TWY B.
		Closure of TWY C between TWY K & Taxilane C13. Closure of TWY B13 between B & C.	09/09/2022 to 09/30/2022	Complete	G	Taxilane C12 will be decommissioned.
G	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 at TWY E will be restricted to ADG-III and smaller for 75 days starting April 2023. TWY D construction west from TWY AA to TWY E17 will provide a second full taxiway for RWY 6R/24L.	01/01/2023 to 06/01/2024	Upcoming	Y	Longer taxi route expected for aircraft landing and parking on north complex. Mobilization January 2023. Construction to start November 2022. Aircraft landing RWY 24R may require back-taxi on RWY 24L during TWY AA closure. TBD: The completion of TWY D to E17 will start after the Terminal 0 and Terminal 9 projects are complete.

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	Project	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	JAN	FEB	MAR	APR	MAY	JUN
H	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							
I	TWY E												Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y							

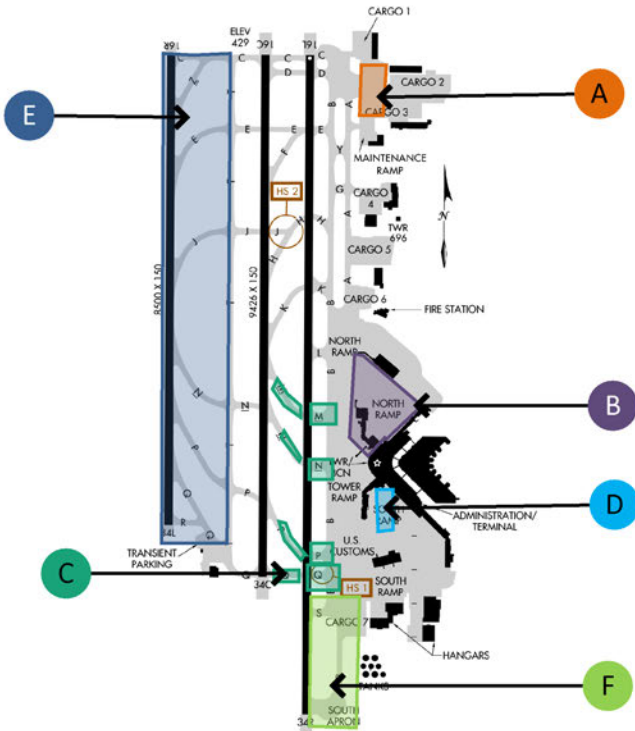
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	Terminal 0	New Terminal Gates east of Terminal One. Possibly SWA gates.	2023 TBD to 2024 TBD	Upcoming	G	FAA working with LAWA to finalize schedule and duration. Work anticipated to begin early FY 23. Includes extensions of TWYs D and E. Possible crane effects during construction.
I	TWY E	Tie-In Work - East TWY E closed between TWYs K & W Tie-In Work - West TWY E closed between TWYs K & AA Tie-In Work - East TWY E closed between TWYs D9 & E8	June 2023 to December 2024	Upcoming	Y	Tie-In of New TWY U from RWY 6R/24L Will restrict movement of ADG-VI aircraft and may affect LAX Over Ocean Operations (Noise Abatement) Tie-In of New TWY W and V from RWY 6R/24L June 2024-October 2024 Tie-In of New TWY S from RWY 6R/24L Will restrict movement of ADG-VI aircraft and may affect LAX Over Ocean Operations (Noise Abatement) October 2024-December 2024.



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

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminal Replacement	Airport will replace passenger terminals.	06/01/2022 to October 2027	In Progress	G	Gates will be added before legacy gates are demolished. Phase 1A consists of 19 new gates. Gates 1–5 will be nonoperational during construction.
B	Hydrant Fuel Lines	Installation of new hydrant fuel lines to New Terminal 1 and continuing to Terminal 2 West end.	August 2022 to September 2027	In Progress	G	Two to three gates unavailable during project as in-ground fuel lines are installed at Terminal 2.
C	TWY B Realignment	TWY B realignment south to allow for required runway separation as well as some geometry changes.	September 2023 to February 2025	Upcoming	G	ILS communication fiber lines will be impacted, a reroute is in design.
			August 2027 to May 2028	Upcoming	T	
D	New Cargo Facility	Planned cargo facility at current transient aircraft parking location is being relocated due to line-of-sight issues with ATC. New structure is in prelim planning, should not pose any ATC issues.	Q1 2024 to 12/01/2025	Upcoming	T	Planned cargo facility to consolidate and improve efficiency of operations. Facility will require shift of adjacent taxiway and taxilane to meet airfield design requirements.

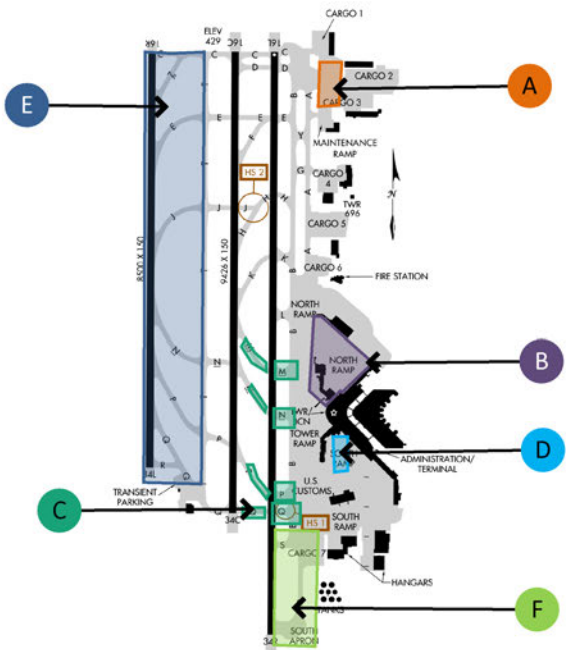
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A	Cargo 2	G	G	G	G																																
B	North Ramp Rehabilitation			G	G	G																															

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Cargo 2	Replace 4,200 SY of PCCP apron at Cargo 2 including associated drainage and incidental ACP.	07/01/2022 TBD to 09/16/2022	Complete	G	
		Replace 4,200 SY of PCCP apron at Cargo 2 including associated drainage and incidental ACP.	09/16/2022 to 10/31/2022	In Progress	G	
B	North Ramp Rehabilitation	Phase 2- Concourse C, D, and North-ramp rehabilitation and concrete work.	09/08/2022 to 11/23/2022	In Progress	G	

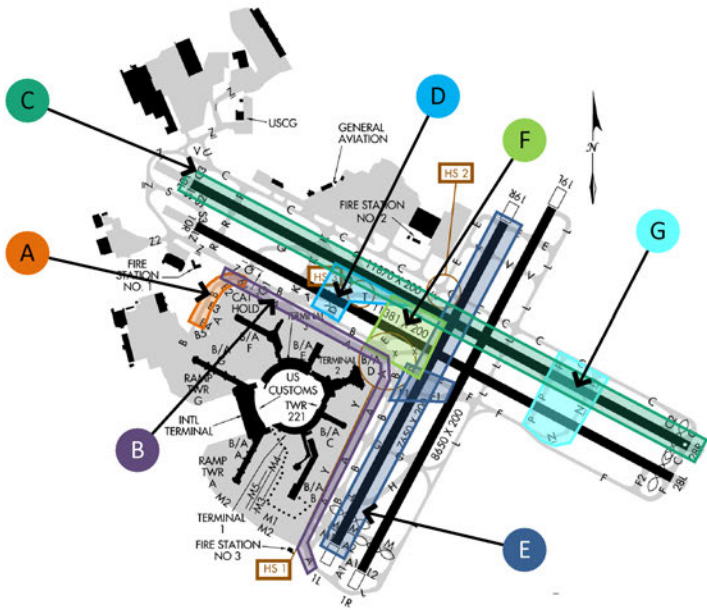
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C	TWYs Joint Seal Replacement	G	G	G																																		
D	South Ramp							T	T	T	T	T	T	T	T	T	T	T	T																			
E	RWY 16R/34L & TWYs																			T	T	T	T	T	T	T	T	T	T	T	T							
F	TWYs A/B Extension																																T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWYs Joint Seal Replacement	Joint seal replacement for TWYs M, N, P and Q.	May 2022 to September 2022	Complete	G	
D	South Ramp	South ramp construction	2023 TBD	Upcoming	T	
E	RWY 16R/34L & TWYs	RWY 16R/34L and associated taxiways closed for rehabilitation.	2024 TBD	Upcoming	T	
F	TWYs A/B Extension	South end reconstruction/extension of TWYs A/B.	2025 TBD	Upcoming	T	Earliest potential start. Expecting impacts to the ILS glide slope.

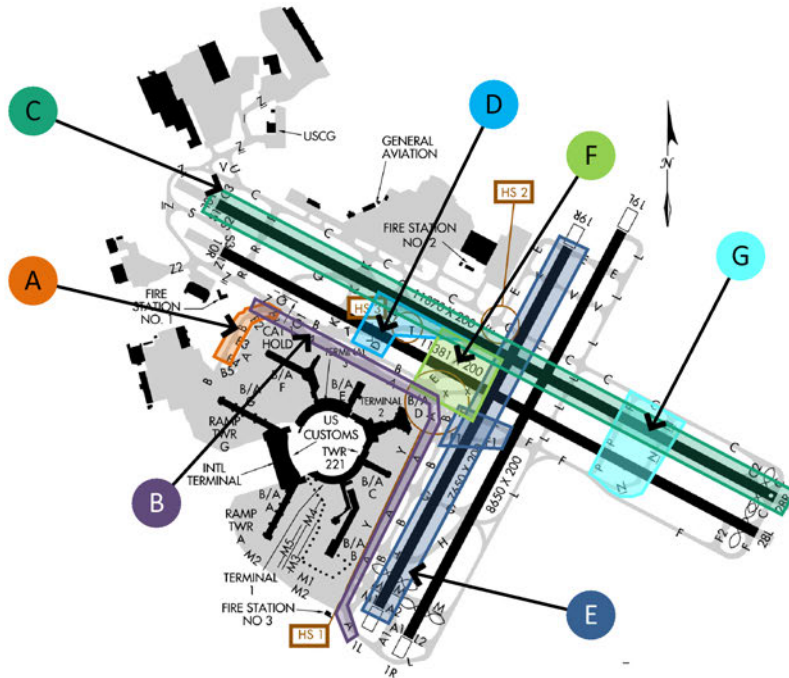
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A	TWYs B1-B4			G	G	G	G	G	G																												
B	TWY A			G	G	G	G	G	G																												
C	RWY 10L/28R Lighting							T	T	T	T	T	T	T	T	T	T	T	T																		
D	TWYs D & T															Y	Y	Y	Y																		

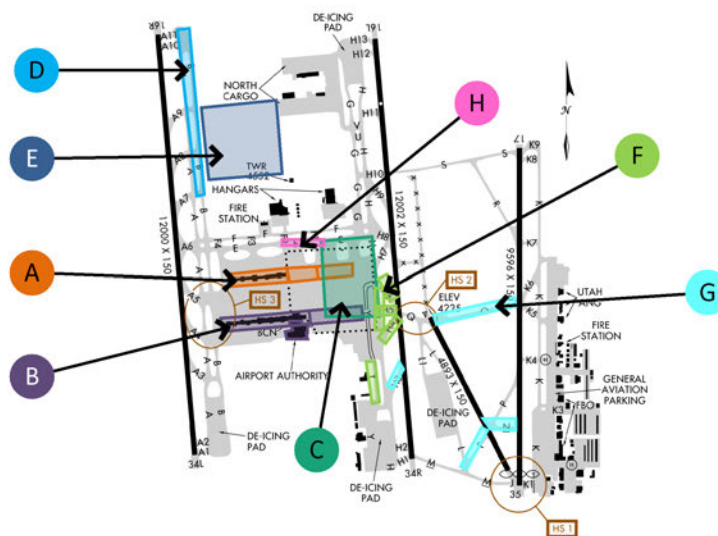
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWYs B1-B4	TWYs B1 to B4 closed for rehabilitation.	Q4 2022 TBD to Q1 2023 TBD	Upcoming	G	Determination to proceed is still unknown. Subject to AIP grant availability.
B	TWY A	TWY A reconstruction.	Q4 2022 TBD to Q1 2023 TBD	Upcoming	G	Determination to proceed is still unknown. Subject to AIP grant availability.
C	RWY 10L/28R Lighting	RWY 10L/28R closed for new lighting cable.	2023 TBD	Upcoming	T	
D	TWYs D & T	TWYs D/T closed for realignment, runway incursion mitigation (RIM) program.	09/01/2023 TBD to 12/01/2023	Upcoming	Y	Multi-phased project to realign taxiways in order to rectify deficiencies with the existing geometry. Separate RWYs 28L & 28R closures; dates and duration TBD. Expect increased surface congestion on TWY E. Dates are Fall 2023. No specific dates yet.

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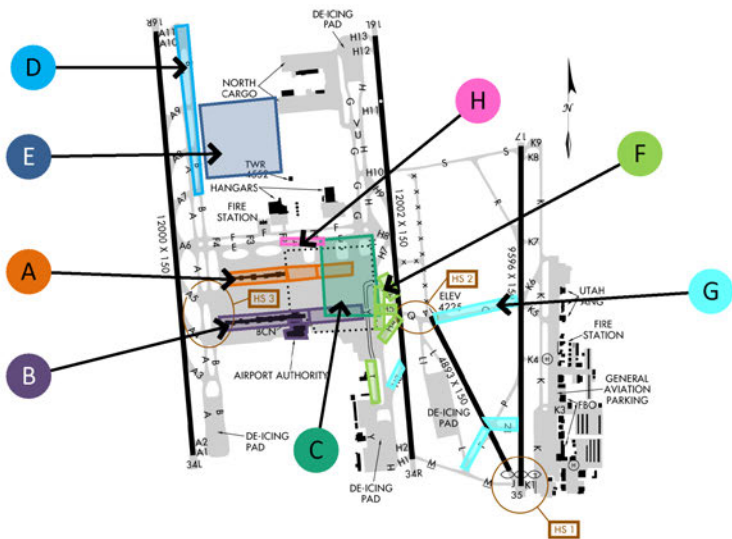
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E	RWY 1L/19R, TWYs F & F1										T	T																									
F	TWYs E & J																	T	T	T																	
G	TWYs F, N, & P																							T	T	T											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	RWY 1L/19R, TWYs F & F1	RWY 1L/19R closed for rehabilitation.	Spring 2023 to 05/31/2023	Upcoming	T	Repaving runway. Impact will be closure of RWYs 1L & 1R. NPT comment: This project may be pulled in. Closure of 1L/19R primarily. 1R will close for haul route. Can be reopened if 19L needed. TWY B closure and impact. Plan is to operate on a 28/28 Right Turn configuration for the entire project.
F	TWYs E & J	TWYs E & J reconstruction.	Fall 2023 TBD	Upcoming	T	Determination to proceed is still unknown. Subject to AIP grant availability. Future project, exact dates unknown.
G	TWYs F, N, & P	TWYs F, N, & P reconstruction.	Spring 2024 TBD	Upcoming	T	Determination to proceed is still unknown. Subject to AIP grant availability.



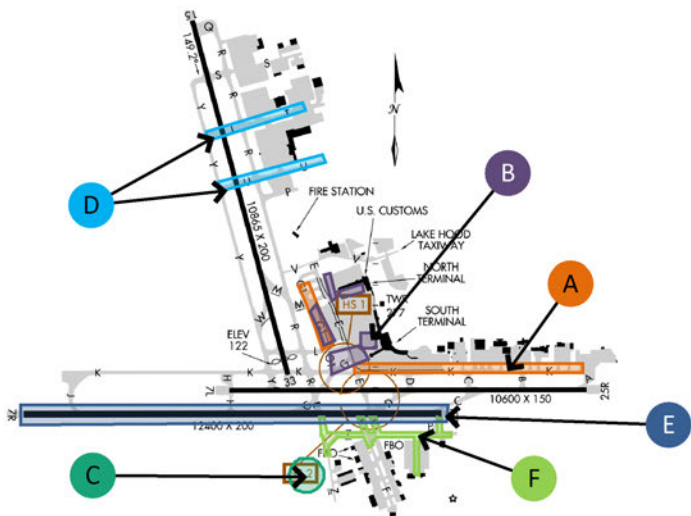
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A	North Terminal	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G							
B	South Terminal	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G							
C	TWYs G & H / Terminal Area Project	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G							
D	TWY B	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. First phase: 25 gates (+6 international gates). 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. First phase (West) opening fall 2020. 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	TWY B	TWY B closed between TWY A7 and TWY A runup pad for RWY 16R.	04/04/2022 to 09/30/2022	In Progress	G	



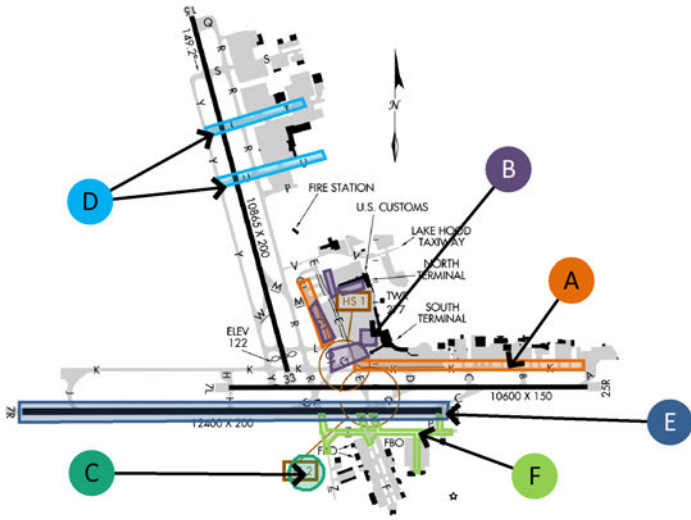
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E	North Cargo Apron Expansion	G	G	G	G	G	G	G	G	G	G	G	G																								
F	TWYs H4-H6, TWY Y	G	G	G	G																																
G	TWYs H3, N, P, Q Rehabilitation	G	G	G	G																																
H	TWY E (F1 to F2) Reconstruction										T	T	T	T	T	T	T																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	North Cargo Apron Expansion	Expansion of the North Cargo Apron to increase capacity.	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.
F	TWYs H4-H6, TWY Y	TWY H5 closed. TWY H closed between TWY H6 and H4. TWY Y closed between TWY H6 and H4 to aircraft with wingspans greater than 168 feet. TWY H4 closed between TWY H and TWY Y.	04/13/2022 to 10/15/2022	In Progress	G	TWY Y restricted May 19- Oct. 15, 2022. Expected reduced capacity to aircraft with wingspans greater than 168 feet.
G	TWYs H3, N, P, Q Rehabilitation	Rehabilitation of south half of TW P, all of TW N, TW H3 to the RW hold short line, and all of TW Q.	06/01/2022 to 10/31/2022	In Progress	G	ATCT will have to reroute aircraft from the east side of the airfield depending on which taxiway is closed.
H	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.



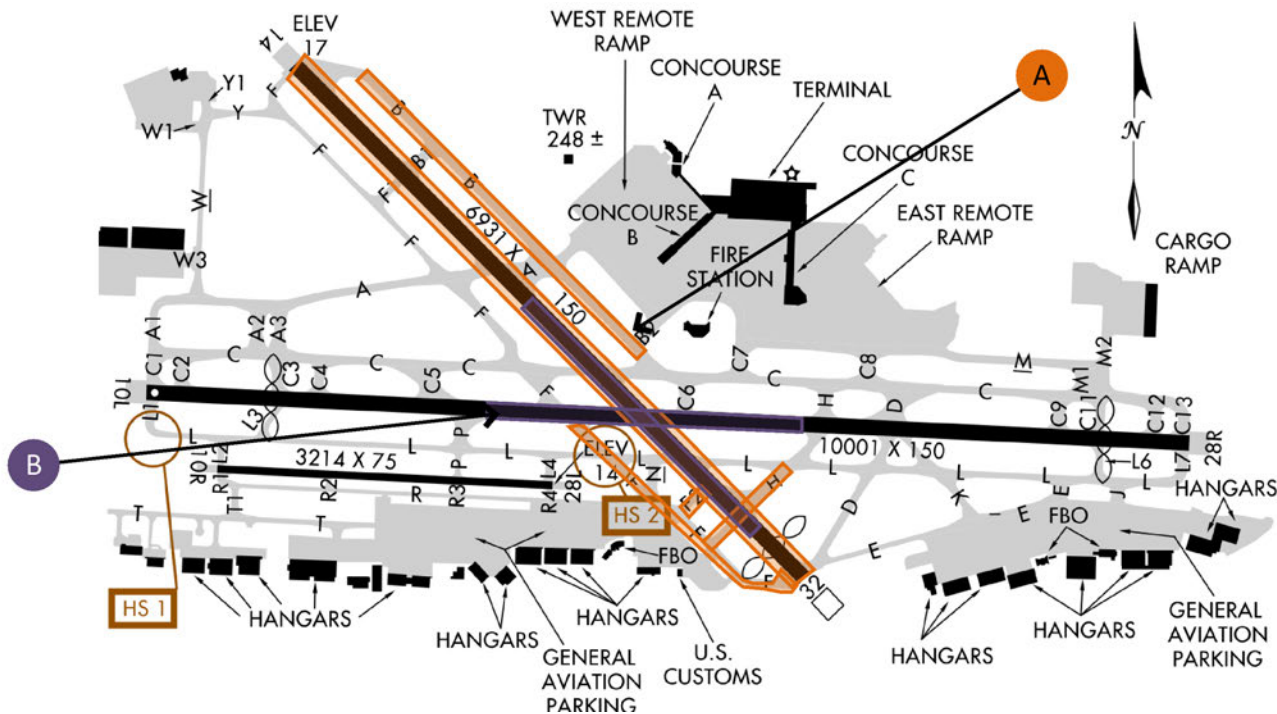
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A	TWYs K and G1	G	G	G																																	
B	TWYs E1/E3/EG Rehabilitation	G	G	G																																	
C	South Air Park							G	G	G	G	G	G	G	G	G	G	G	G																		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWYs K and G1	TWY K and G1 Rehabilitation. TWY K closed between TWY A to TWY E. TWY G1 closed between TWY L to Spot R14.	04/15/2022 to 09/30/2022	Complete	G	The TWY K project is in nine (9) phases and taxi impacts are expected. TWY G1 project is in three (3) phases and expected to have parking impacts. B Gate Concrete Repairs and TWY K / Phase 1 (Sep. 6-Sep. 30) Gates B7-9 closed.
B	TWYs E1/E3/EG Rehabilitation	6 Phases (Apr 26-Sep 30, 2022).	04/26/2022 to 09/30/2022	Complete	G	Passenger Gate Closures • C1/2 & B4/6/8 (Apr. 26-May 26) • C8/9, B7/9 & N4/6/8 (Sep. 6- Sep. 30) Cargo Gate Closures • N1/3/5/7 & R4 (Apr. 26-May 26) • R12/13/14 (May 15-May 24) • R10/11 (May 8-May 14) • R8/9 (May 25- June 2) • N2 (Sep. 6-Sep. 30)
C	South Air Park	South Air Park TWY Z tie-in with 14 hardstands, Cargo Warehouse, MRO Facility, and FBO	2023 TBD	Upcoming	G	Project may be included as part of the TWY Z extension construction.



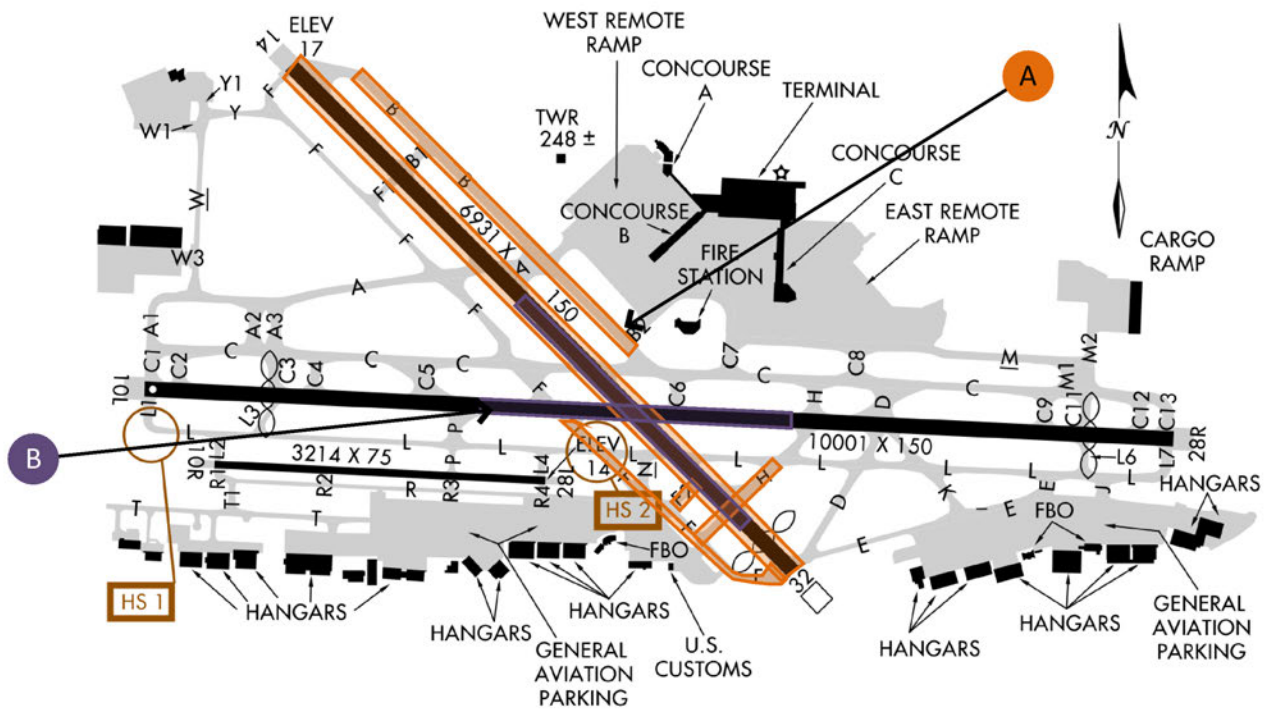
		2022						2023												2024												2025					
	Project	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
D	FedEx Ramp and TWYs U & T	G	G	G																																	
E	RWY 7R/25L closure		Y																																		
F	TWY Z West & East Reconstruction							G	G	G	G	G	G	G	G	G	G	G	G	T	T	T	T	T	T	T	T	T	T	T							

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	FedEx Ramp and TWYs U & T	FedEx will tie in their ramp taxilane to TWYs U & T.	07/01/2022 to 09/15/2022	Complete	G	Minimal impact to TWYs U & T.
E	RWY 7R/25L closure	RWY 7R/25L closed for asphalt joint repairs.	08/01/2022 to 08/31/2022	Complete	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.
F	TWY Z West & East Reconstruction	TWY Z West - Rehabilitating and widening TWY Z from TWY F to the west and stubbing out for future expansion.	2023 TBD	Upcoming	G	Project is in four (4) phases. Project includes installing an interlinking TWY R between TWY Z & RWY 7R/25L and relocating the service road.
		TWY Z East - Extending, rehabilitating, and widening TWY Z from TWY F to the east to TWY C and stubbing out for future expansion.	2024 TBD	Upcoming	T	30-day RWY 7R closure to tie in taxiways. Project includes reconstructing TWY C interlink, and reconstructing Kulis Ramp and Apron tie-in.



		2022						2023						2024						2025					
	Project	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
A	RWY 14/32 Rehab (includes shoulder and taxiways)												T	T	T	T	T	T	T	T	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.</p> <p>No work will occur during the Labor Day weekend (Friday, Sep. 1 - Monday, Sep. 4, 2023)</p> <p>Projects scheduled for this timeframe to avoid potential disruptions to future operations.</p> <p>Work to be completed:</p> <ul style="list-style-type: none">• Rehabilitate/Reconstruct TWY B & TWY 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



		2022						2023						2024						2025					
	Project	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
B	RWYs 14/32 & 10L/28R Intersection Project															T	T								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
B	RWYs 14/32 & 10L/28R Intersection Project	RWY 10L/28R and RWY 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. Closure is expected to last 8 weeks. Intersection work may continue through November 15, 2023 if inclement weather impacts the construction schedule. RWY 14/32 closure and intersection project will occur simultaneously. Projects scheduled for this timeframe to avoid potential disruptions to future operations.