

Q1-2022 Airport Construction Impact Report



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

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

January 01, 2022
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Disclaimer: Not for operational use. This report contains active and planned airport construction projects, which may impact airport capacity and delays. Due to the nature of airport construction, this information is constantly changing and may be postponed or canceled at any time. This report will be updated quarterly.



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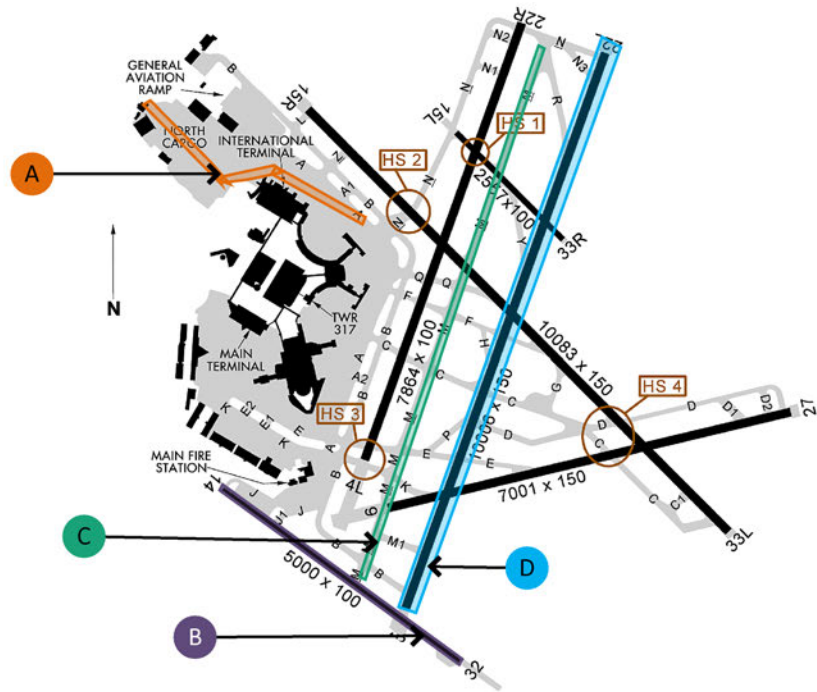
No Capacity Effect – Departures taxi delays and/or Arrivals airborne holding delays are 15 minutes or less

Y

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

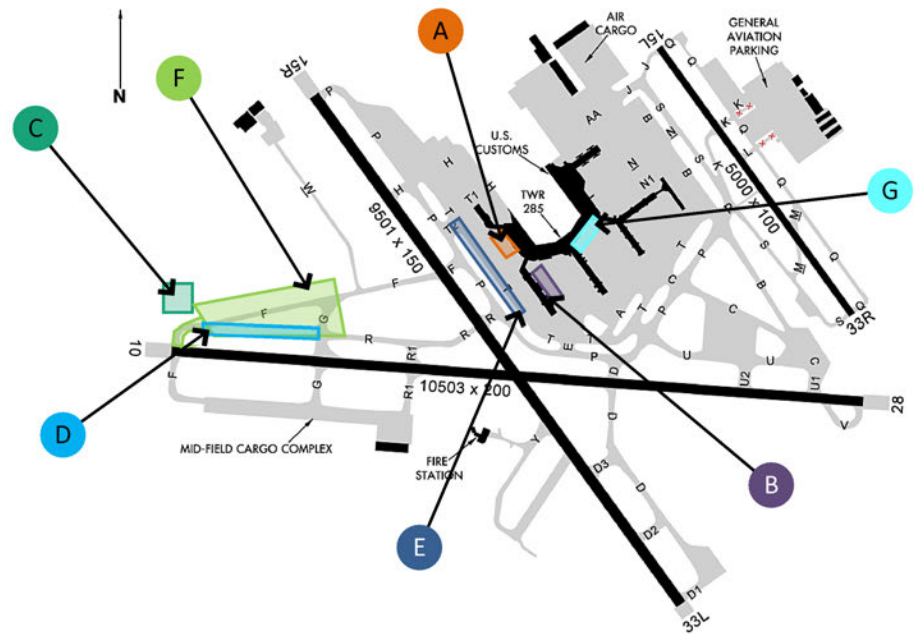
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Reduced Capacity and Greater Delay Impact – Departures taxi delays and/or Arrivals airborne holding delays greater than 45 minutes



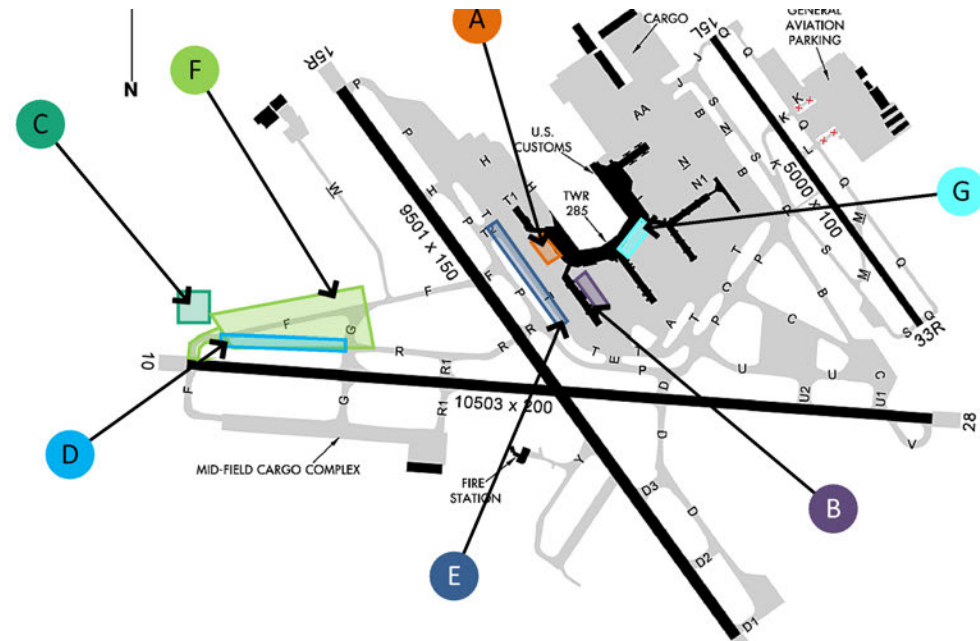
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A	North-South Fuel Line	Y																																			
B	RWY 14/32 Rehab																																				
C	TWY M Rehabilitation									T	T	T	T	T	T	T																					
D	RWY 4R									G	G	G	G	G																							

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	North-South Fuel Line	North-South fuel line installed.	05/13/2020 to 10/01/2021	Complete	Y	
B	RWY 14/32 Rehab	RWY 14/32 closed for rehabilitation.	07/19/2021 to 09/10/2021	Complete	Y	
C	TWY M Rehabilitation	TWY M closed for rehabilitation.	05/01/2022 to 12/31/2022	Upcoming	T	
D	RWY 4R	Multiple closures of RWY 4R for declared distance changes and centerline work.	05/01/2022 to 09/30/2022	Upcoming	G	RWY 4R declared distances change and centerline work.



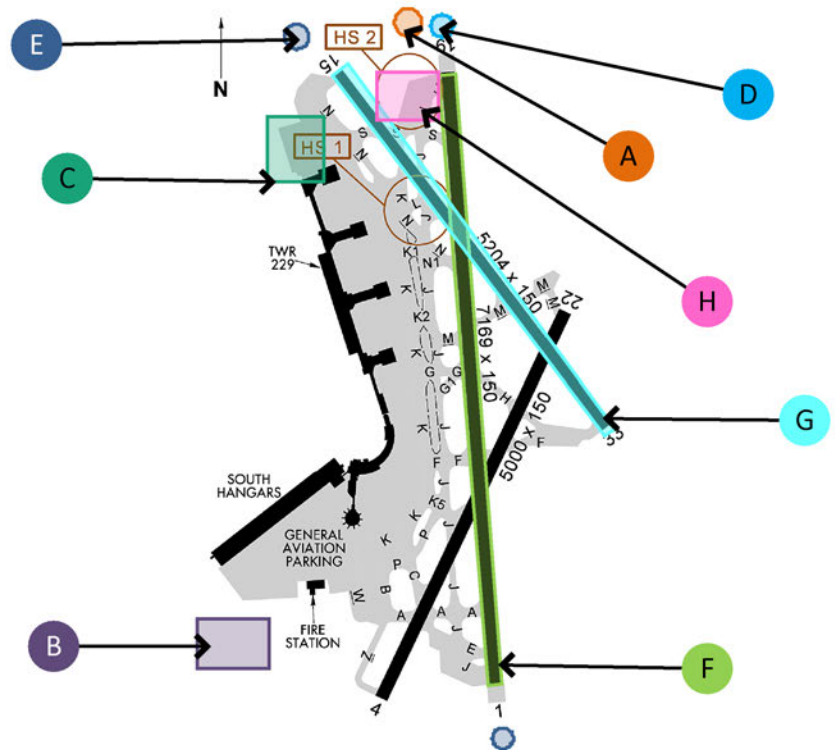
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A	Concourses A/B BHS			G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
B	Airline Hangar			G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
C	RWY 10 ALSF-2																T	T	T	T	T	T	T	T	T	T	T										
D	TWY R Extension																T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	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.	Dec 2021 TBD to 2024 TBD	In Progress	G	Southwest Airlines (SWA) plans to construct and operate an aircraft maintenance facility.
C	RWY 10 ALSF-2	Relocate the Runway 10 ALSF-2 Substation and backup power equipment.	2023 TBD	Upcoming	T	Hangar construction and modifications to TWYs F & R are affecting the FAA ALSF-2 facility.
D	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.



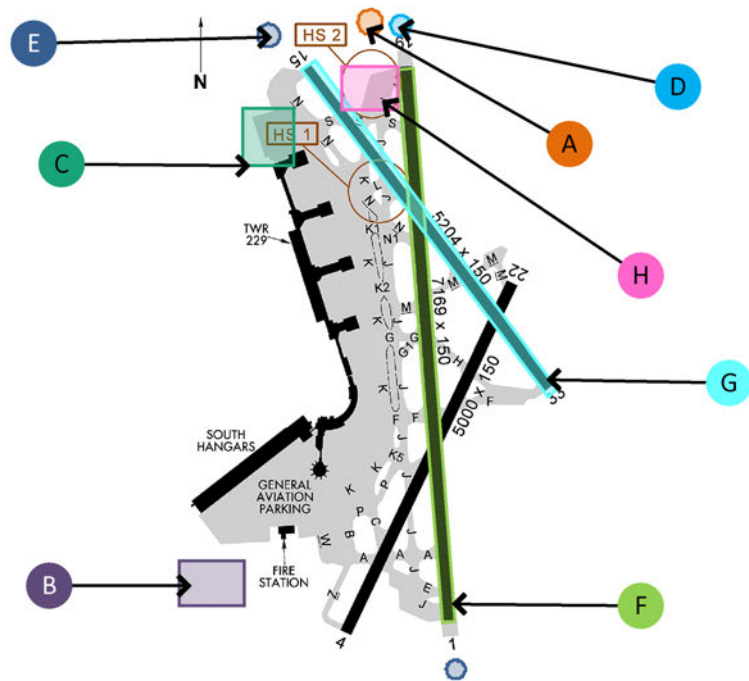
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E	TWY T Reconstruction Phase 1A	G																																			
F	TWY F - Phases 1 and 2				G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
G	Terminal C/D Connector																T	T	T	T	T	T	T	T	T	T	T										

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	TWY T Reconstruction Phase 1A	Phase 1A pavement reconstruction of Taxiway T northwest of Gate A9 to northwest of Gate B6.	04/19/2021 to 10/31/2021	Complete	G	
F	TWY F - Phases 1 and 2	Construct an extension to TWY F that will lead into the new Airline Maintenance Hangar.	Jan 2022 TBD to Mar 2023 TBD	Upcoming	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.
		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.
G	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.



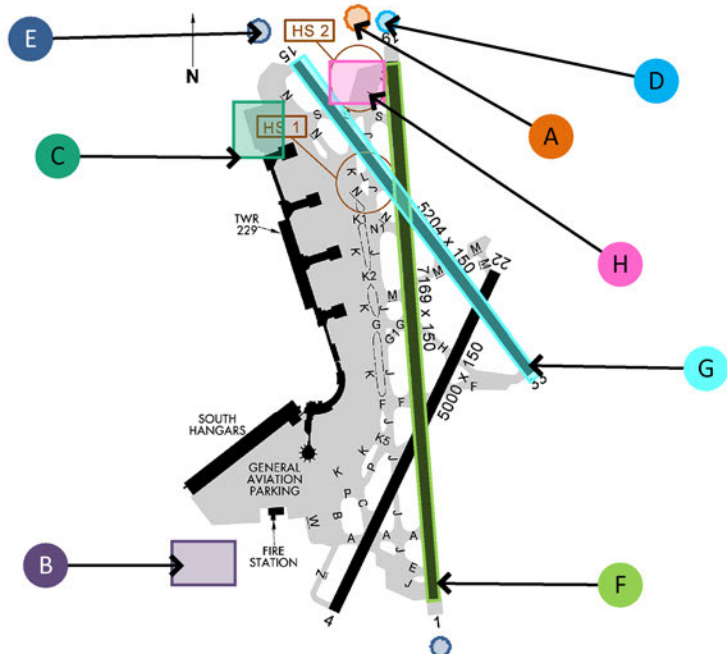
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A	RWY 19 Crane ops	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																										
B	Lighting Vault Relocation							G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 19 Crane ops	Temporary cranes 486 feet MSL west of RWY 19 at DCA. There are 4 temporary cranes within close proximity to DCA that have been raised for building/construction projects around the area. These cranes will be in place thru 9/2022 and will be raised in phases up to 486FT MSL.	10/27/2021 to 06/07/2022	In Progress	Y	Possible airborne holding delays of +15 minutes depending on the weather/IFR conditions with ceilings below 300FT. 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.
B	Lighting Vault Relocation	TV-900 Lighting Vault Relocation. Airport lighting vault will be relocated. FAA NAVAIDS and communication equipment will be relocated.	Spring 2022 TBD to Spring 2023 TBD	Upcoming	G	



		2021			2022												2023												2024								
	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
C	RWY 15 Hold Bay	G	G	G	G	G																															
D	RWY 19 VASI						G	G	G																												
E	Electrical Line Upgrades							G	G	G	G	G	G																								

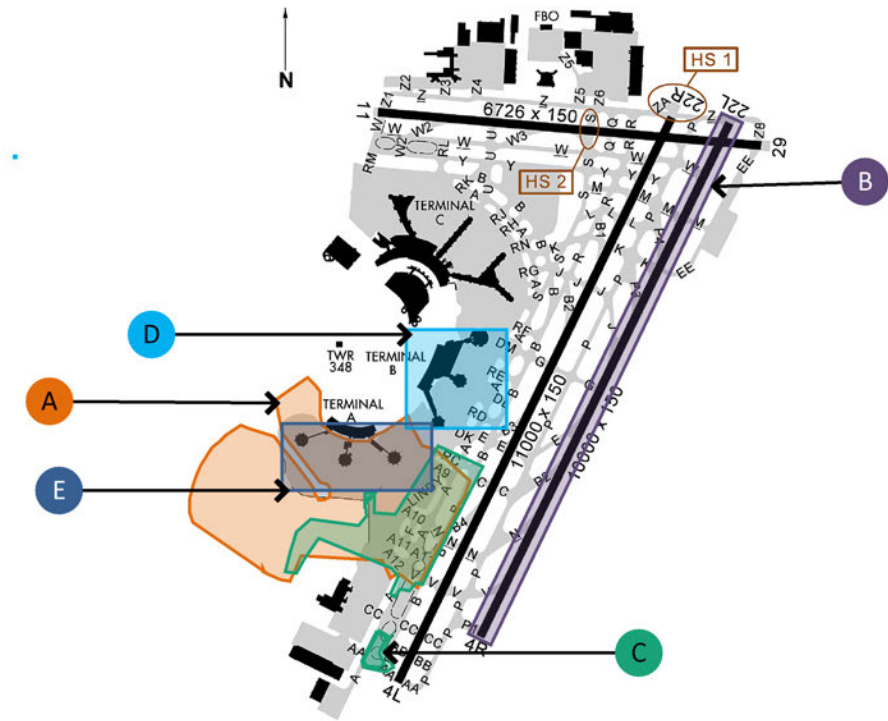
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	RWY 15 Hold Bay	RWY 15 Hold Bay will be expanded.	09/09/2021 to Q1 2022	In Progress	G	Mostly overnight work.
D	RWY 19 VASI	Resume project for replacing Straight-in VASI and Offset-VASI on Runway 19 with PAPI.	03/08/2022 to Q2 2022	Upcoming	G	
E	Electrical Line Upgrades	New cable will be installed from the TV-150 vault to the RWY 15 Glide Slope and the RWY 1 Localizer.	Spring 2022 to Summer 2022	Upcoming	G	Collaborated installation with the FOTS Program. New outer marker power service will be established.



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	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
F	RWY 1/19																	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
G	RWY 15/33																	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
H	RWY 19 Hold Bay (RIM)																	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
F	RWY 1/19	Reconstruction of RWY 01/19.	03/01/2023 to 11/01/2025	Upcoming	Y	RWY 1 Centerline and TDZ lights will not be available. SA CAT I/CAT II operations will not be allowed during the closure. RWY 1 CAT I will remain available, but SA CAT I will not (because CL/TDZ lights are NA). In addition, RWY 4/22 will be impacted because RWY 4 will be available for departures only during the closures.
G	RWY 15/33	Reconstruction of Runway 15/33.	03/01/2023 to 11/01/2025	Upcoming	G	Weekend and nightly closures. RWY 4/22 will be impacted because RWY 4 will be available for departures only during the closures.
H	RWY 19 Hold Bay (RIM)	Reconfiguration and expansion of Hold Bay 19	03/01/2023 to 11/01/2025	Upcoming	G	Mostly overnight work.

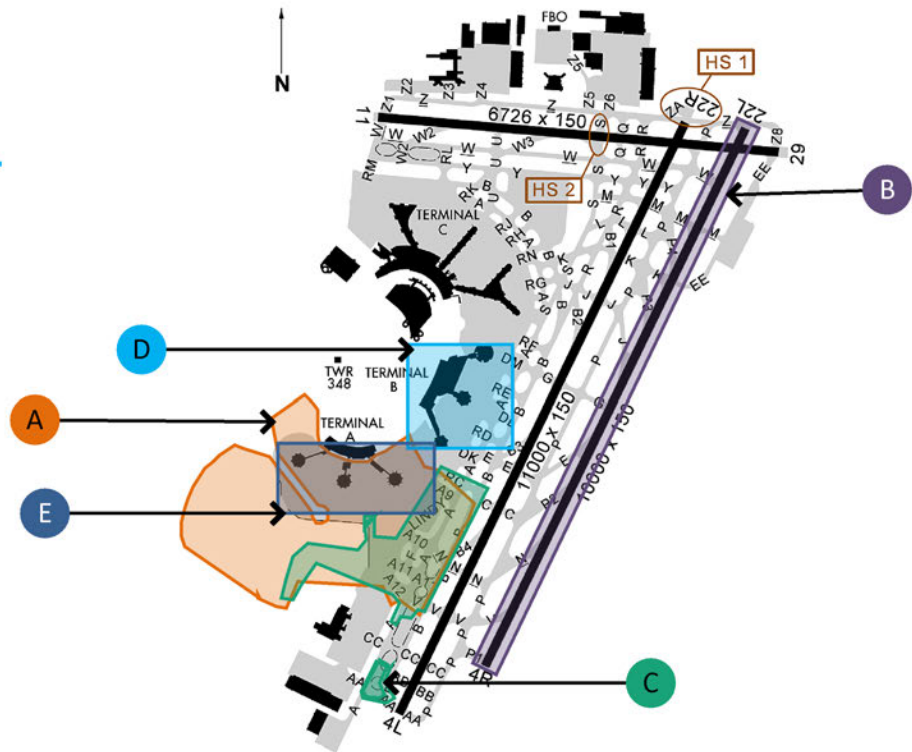
IATA Level 2



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A	New Terminal A	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																							
B	RWY 4R/22L	Y	Y	Y	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, Spring 2022 (21 Gates) Full Terminal Opening, Q4-2022 (33 Gates)
B	RWY 4R/22L	RWY 4R/22L Target Return to Service: 11/19/21 with limited runway lighting capability. Significant number of additional night and weekend RWY 4R/22L closures.	09/28/2021 to 11/19/2021 11/20/2021 to 04/28/2022	Complete In Progress	Y Y	Significant number of additional night and weekend RWY 4R/22L closures.

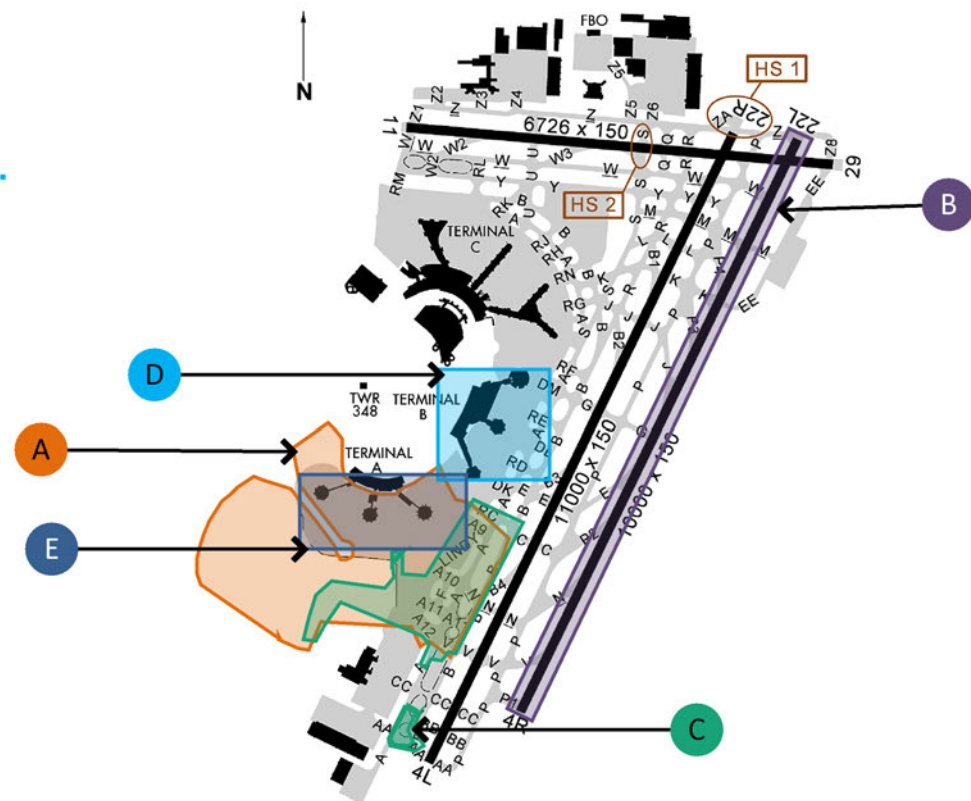
IATA Level 2



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C	New Terminal A Ramp	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																							
D	Terminal B Ramp Rehab				G	G	G	G	G	G	G	G	G	G	G	G																					

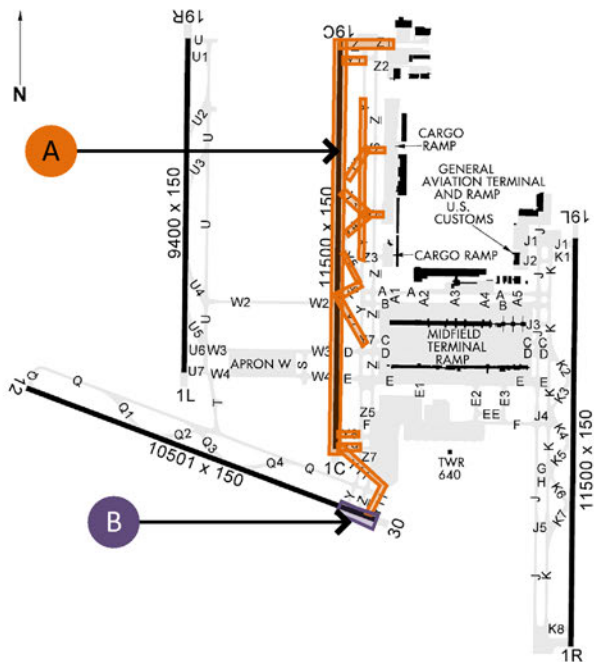
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	New Terminal A Ramp	Rehabilitation and paving of South TWYs and ramp areas. Current scope includes new TWYs A9, A10, A11, A12 and F. Some stages to be deferred 1-3 years. Schedule TBD.	01/01/2018 to 10/20/2022 TBD	In Progress	Y	Construction of New Terminal A Ramp Area (both North and South) in non-ATCT Movement Area including Taxiways in Progress. Construction of New Taxiways (A9, A10, A11, A12 and F) completed and placed into service on 7/1/21. Expect Ramp Congestion and Delay.
D	Terminal B Ramp Rehab	Terminal B Ramp Rehab.	2022 TBD	Upcoming	G	

IATA Level 2



		2021			2022												2023												2024								
Project		OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
E	Terminal A Redevelopment and Demolition Project	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	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 12/31/2024	In Progress	Y 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 (October 2021).



		2021			2022												2023												2024								
	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
A	RWY 1C/19C - Phases 3-4	Y	Y																																		
B	RWY 12/30 & TWYs Y & Z								Y	Y																											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 1C/19C - Phases 3-4	Phase 3 - Full closure of north end of Runway 1C/19C and TWY Z. Shortened use of RWY 1C/19C with displaced threshold.	07/06/2021 to 11/02/2021	Complete	Y	TWYs Y1-Y3 closed. TWYs Y4, Y5, Y8, Y9 and Y11 open.
		Phase 4 - Full closure of RWY 1C/19C. Closure of TWY Y North of Y1. Closure of TWYs Z, Y1-Y5, Y8, Y9 & Y11 between TWY Y and RWY 1C/19C.	11/02/2021 to 11/16/2021	Complete	Y	Remove the displaced threshold, temporary lighting/markings and re-establish the final runway lighting/markings.
B	RWY 12/30 & TWYs Y & Z	Reconstruction of the East section of RWY 12/30 and connector TWYs Y, Z and Y11 inside the Runway Safety Area (RSA).	05/01/2022 to 06/30/2022	Upcoming	Y	Runway 12/30 will be closed for approximately 40 days. Displaced threshold is no longer part of the project. Longer taxi-times with ground movement between arrivals/departing traffic when only using the parallels for departures.

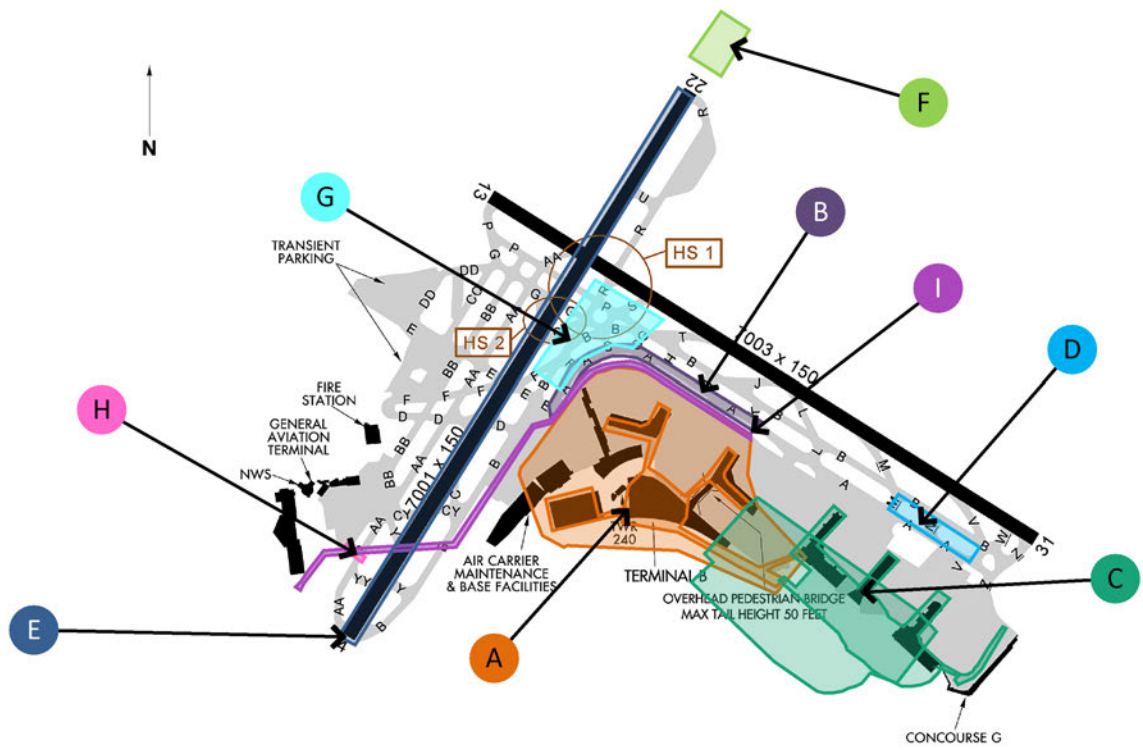
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY Z	TWY Z closed for construction between RWY 4L/22R and TWY Y.	07/29/2019 to 12/31/2021	In Progress	G	
B	TWY TB	TWY TB closed between Terminal 8 Ramp and TWY A closed.	01/08/2021 to 09/30/2022	In Progress	G	
C	TWYs A and B	Full reconstruction of TWYs A and B	2022 TBD	Upcoming	T	Project deferred due to COVID-19/Funding constraints.

IATA Level 3



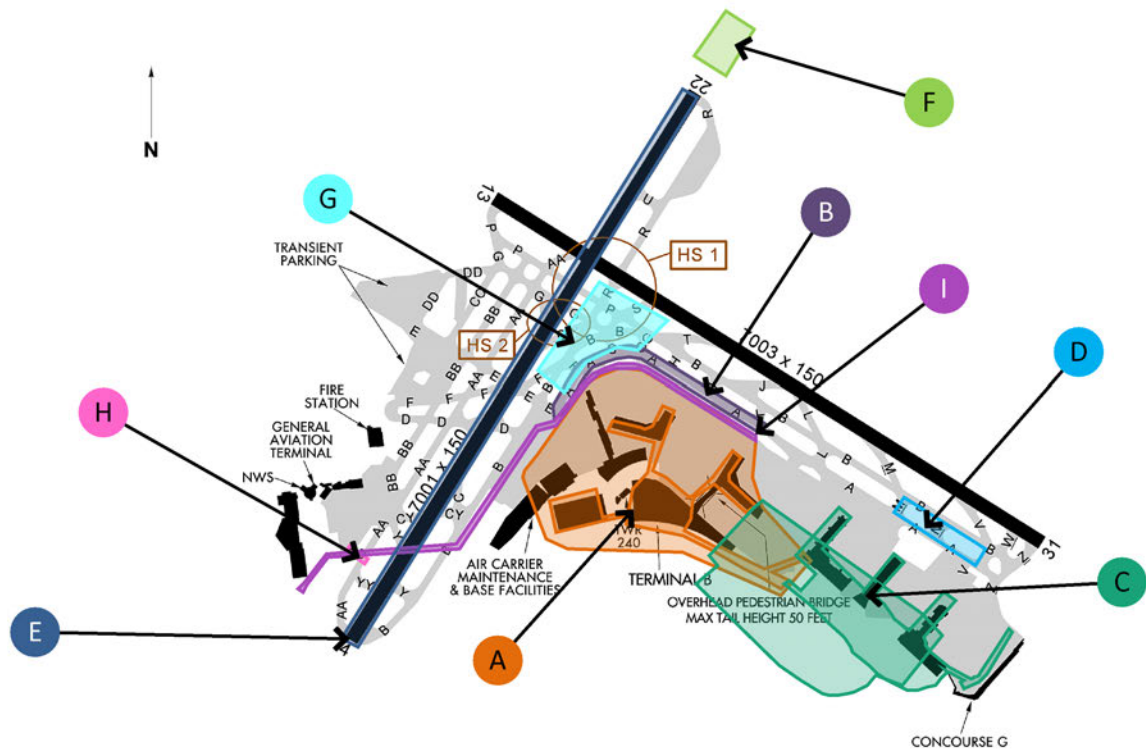
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D	Terminal Area	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	Terminal Area	Redevelopment construction involving Terminals 1, 4, and 5-7 and other areas.	06/01/2021 to 2025 TBD	In Progress	T	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



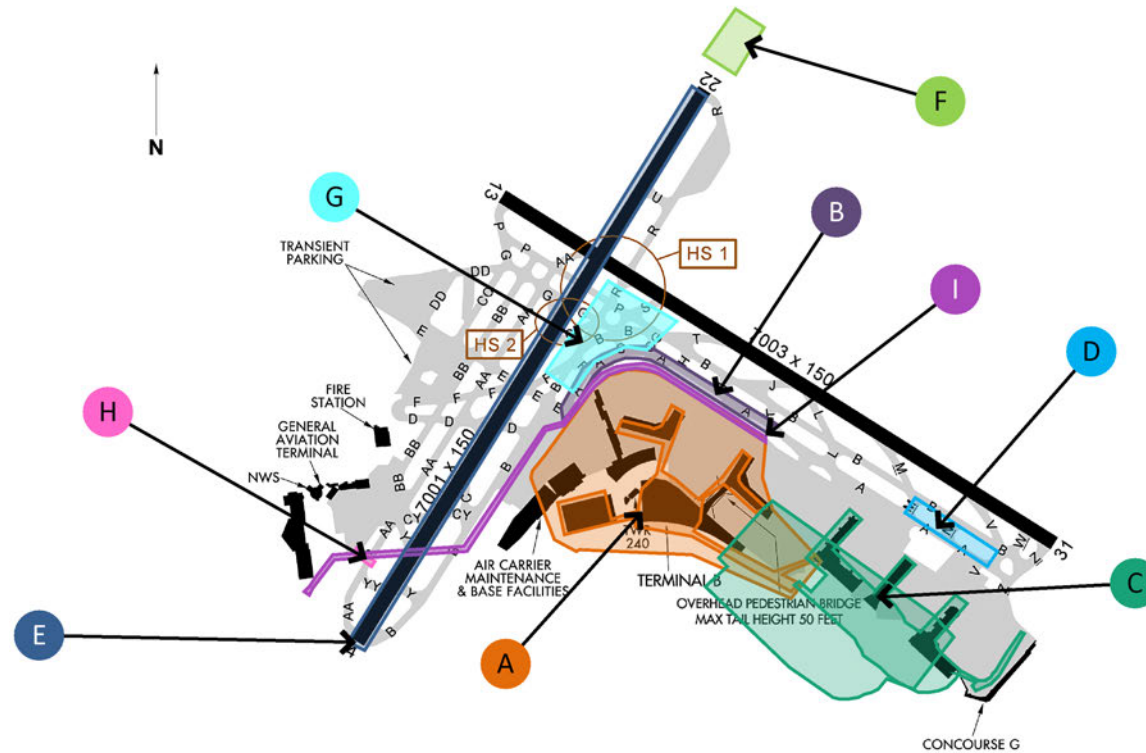
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A	Terminal B	G	G	G	G	G	G	G	G	G																											
B	TWY A	G	G	G																																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminal B	Terminal B redevelopment of the Central Terminal Building (CTB). Construction expected to include the demolition of the existing terminal and associated infrastructure. Construction is for a new 35-gate terminal.	08/04/2015 to Q2 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.
B	TWY A	TWY A closed for rehabilitation. Resurfacing TWY A between TWY E and TWY K.	04/26/2020 to 12/31/2021	Complete	G	Work will require overnight closures of TWY A. All startup diamonds on TWY A (except spot 23) will be removed by the end of this project. Phase 1 paving complete. Phase 2 work began April 2021. TWY A lighting circuits secured between TWY E and TWY H.

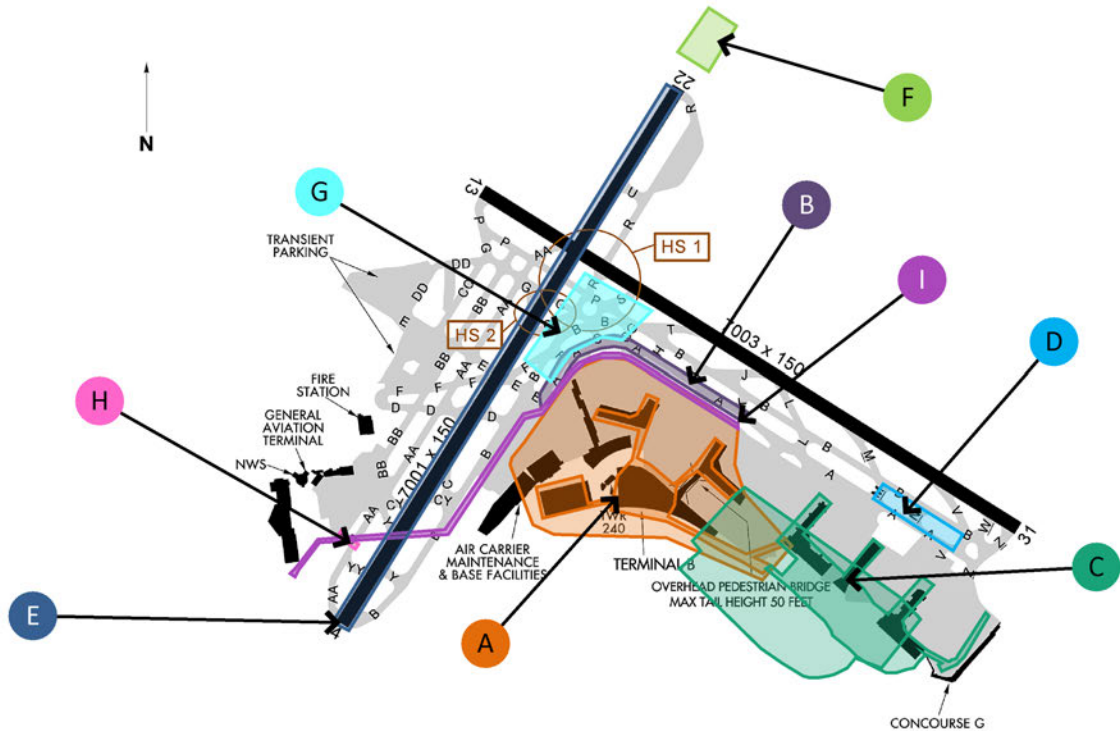


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C	Terminals C & D	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
D	TWY A Shoulder	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	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). Concourses E and F construction underway.
D	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).

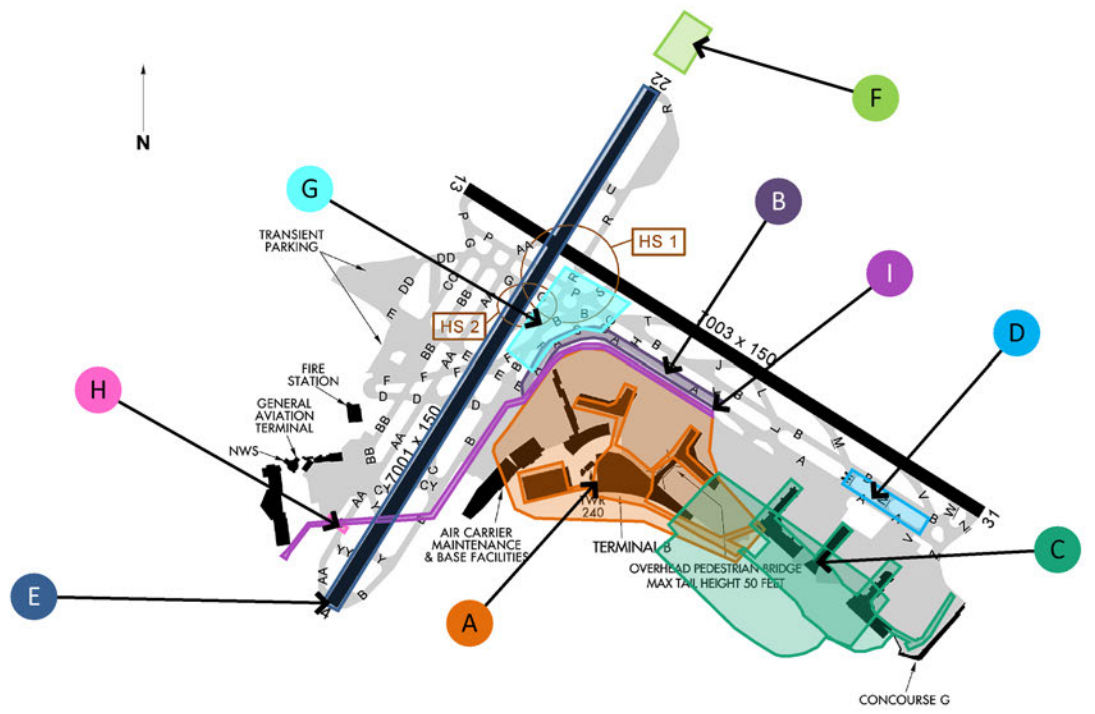
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	RWY Closures	<p>The airport will be closed for overnight maintenance work.</p> <p>Airport will be closed to fixed wing aircraft for routine repairs to accommodate construction from 0000L to 0600L.</p> <p>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.</p>	11/15/2021 to 11/15/2022	In Progress	G	<p>From November 15, 2021 to April 15, 2022 the following procedures are in place for RWY closures:</p> <p>One Runway will be NOTAM'd with a Prior Permission Request (PPR) requiring a 30- minute request in order to reopen the designated runway.</p> <p>No flights will be refused from LGA from November 15, 2021 – April 15, 2022</p> <p>Overnight Airport Closures to resume on April 15, 2022 and continue to November 15, 2022.</p>



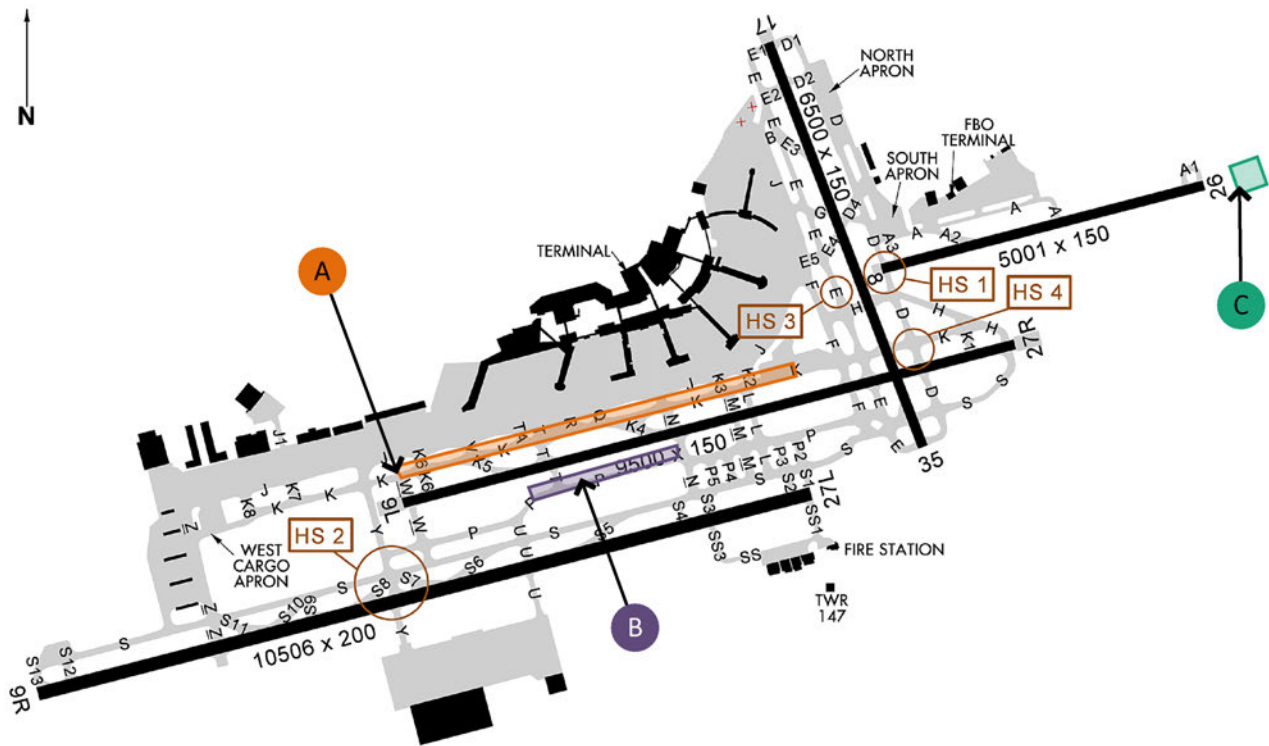
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F	RWY 4 Localizer				T	T	T	T	T	T	T	T	T	T	T	T																						
G	TWYs P, R, B, G Rehabilitation																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	RWY 4 Localizer	Construction of an extension of the runway deck platform.	2022 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.
G	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.



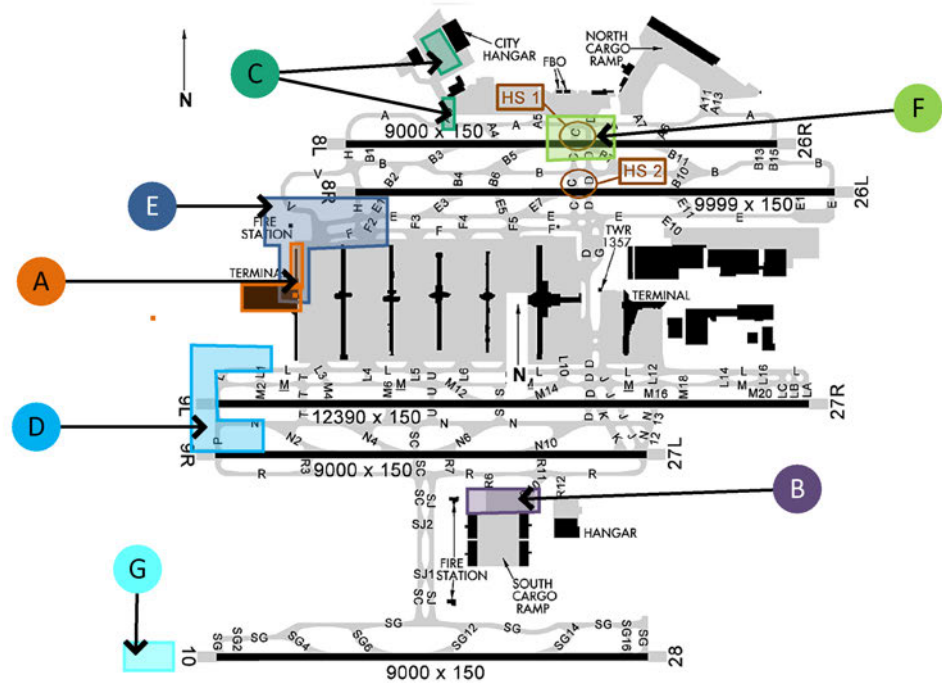
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H	TWY AC	G	G																																		
I	Hydrant Fueling Line				T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	TWY AC	TWY AC closed	11/17/2019 to 11/17/2021	Complete	G	
I	Hydrant Fueling Line	Installation of fuel hydrants line.	Winter 2022 TBD to 2023 TBD	Upcoming	T	Dates are tentative. This is a 28-phase project with most of the work done overnights. There will be some phases needing to be completed during the daytime. Segments of TWY B and TWY A will require reductions to ADG III or smaller. This will last for the duration of the project. Multiple segments may be worked on during the same time periods.



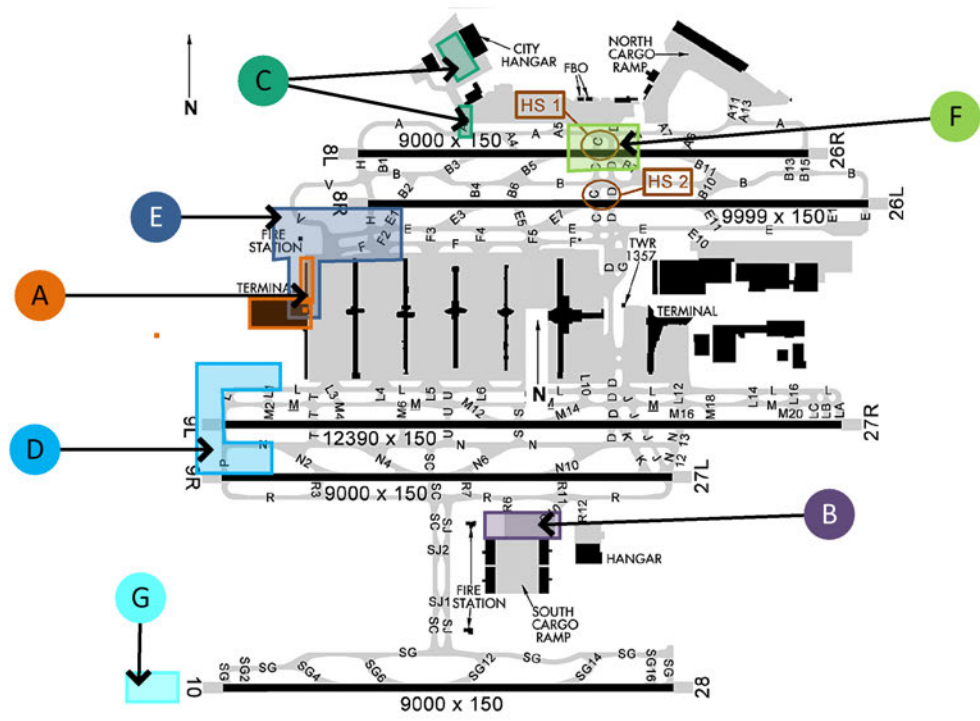
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A	TWY K Reconstruction	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G									
B	TWY P Relocation					Y	Y	Y	Y	Y	Y	Y	Y	Y																							
C	RWY 26 RSA									G	G	G	G	G	G	G	G	G	G	G	G	G	G														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY 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	Reconstruction and relocation of TW P between TWY I and TWY N.	March 2022 to October 2022	Upcoming	Y	Potential for limited impact to adjacent taxiways.
C	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.	05/01/2022 to 06/15/2023	Upcoming	G	This effort is the in preliminary planning/design phase.



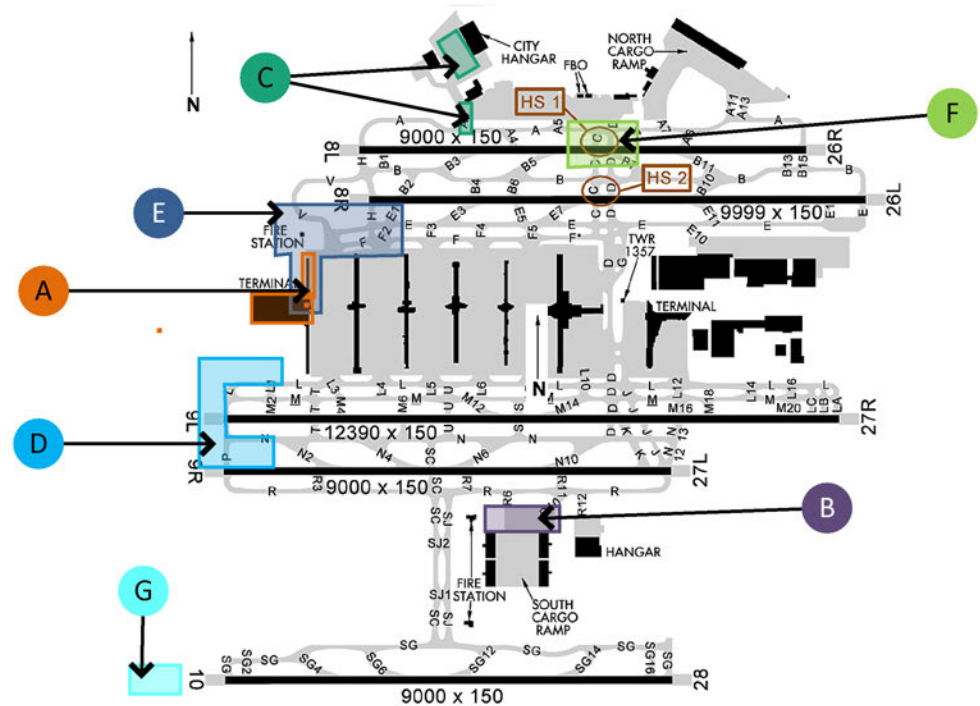
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A	Concourse T	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																		
B	South De-icing Facility	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	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 03/23/2023	In Progress	G	Building steel erection, for the five (5) gate extension is underway. Occupancy of Phase 1 (Gates T19, T20 & T21) is October 17, 2022. Phase 2 (Gates T17 & T18) is December 31, 2022. Phase 3 (Renovation of existing gates T15 & T16) March 23, 2023.
B	South De-icing Facility	Development of supporting ramp to provide additional capacity for all carriers.	01/22/2021 to Dec 2022 TBD	In Progress	G	First Phase (Support Facilities): Demolition of underground utilities and above ground equipment. Second Phase (Ramp): Concrete demo has started. Storm drainage system and water line relocation installations are ongoing.



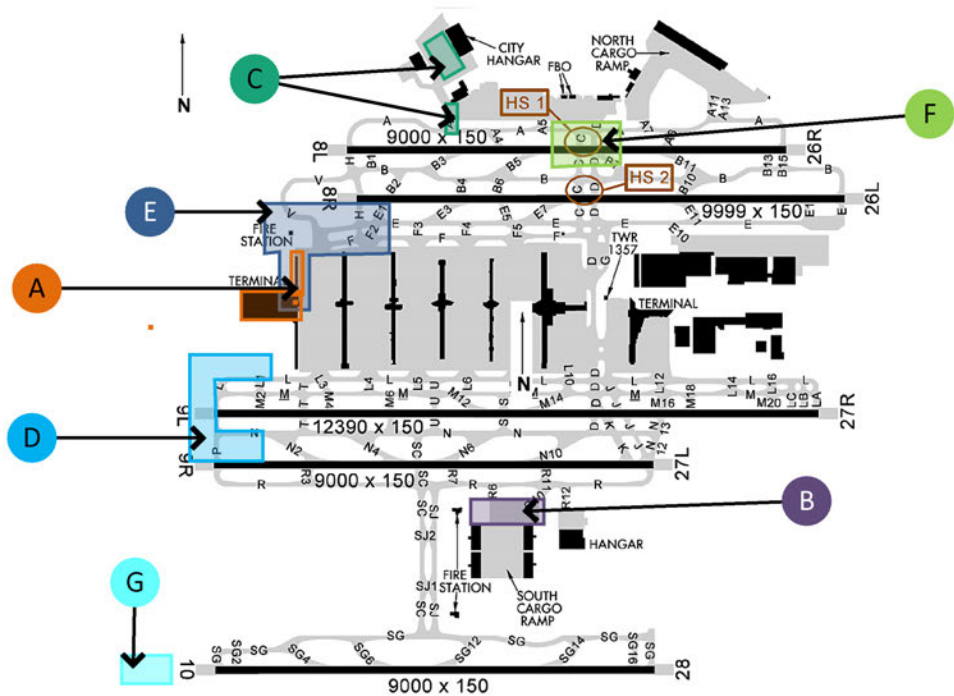
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C	Ramp 19 and Taxilane A3	G	G	G	G	G	G	G	G	G	G	G	G	G	G																									
D	RWY 9L End-Around TWY	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	Ramp 19 and Taxilane A3	Ramp 19 and Taxilane A3 Pavement replacement. Project will take place in two phases. Phase 2 will occur 05/01/2022 - 11/15/2022	06/01/2021 to 11/15/2022	In Progress	G	Phases realigned Year 1 to accommodate Group V operations. Schedule 6/1/21-11/15/21 and 5/1/22-11/15/22
D	RWY 9L End-Around TWY	Construction of an end-around-taxiway (EAT) at RWY 9L to provide more efficient capacity and reduce delays.	07/06/2021 to December 2022	In Progress	Y	Construction activities in Park & Ride Lot A in progress (Phase 1); currently no airfield impacts. Work on new RWY 9R ALSF-2 in progress. ALSF-2 will be down for 8 weeks for final transfer of equipment, tentatively March 15 – May 15, 2022. Construction is scheduled for July-December 2022.



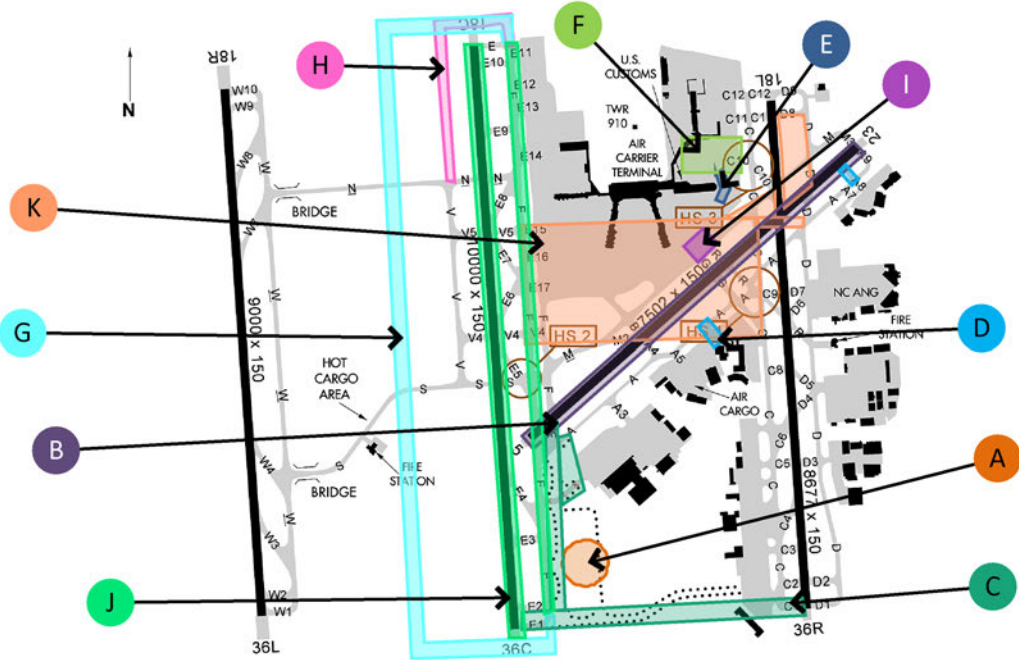
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E	Taxiway V / TWY V Bypass	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	Taxiway V / 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.	09/19/2021 to November 2023	In Progress	Y	<p>Phases 1 and 2 completed Nov. 2021. Phases 3 and 4 will begin in Jan. 2022. Contractor is developing a new schedule.</p> <p>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.</p> <p>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.</p>



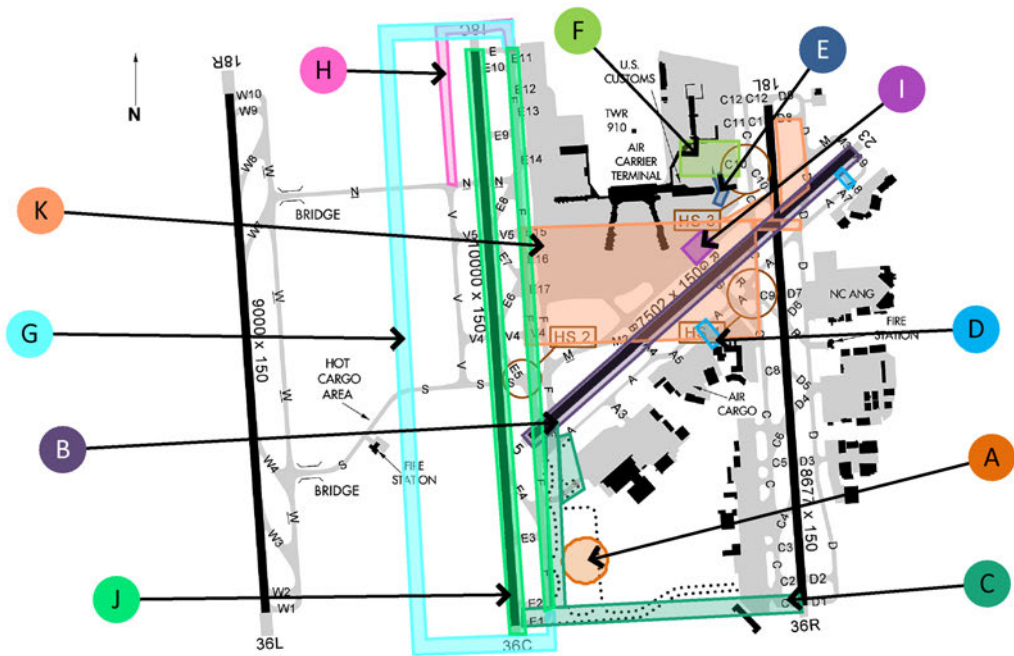
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F	Hot Spot 1				T	T	T	T	T	T	T	T	T	T	T	T																					
G	RWY 10 Glideslope																Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	Hot Spot 1	RWY Incursion Mitigation (RIM) Program: RWY 8L/26R, HS1, TWY C, D and B intersections.	2022 TBD	Upcoming	T	RIM work of HS1 and HS2 requires shifting of portions of TWYs C and D that intersect RWYs 8L/26R and 8R/26L at midfield. Phased to minimize airfield impacts. HS1 is in consult/design phase to shift TWY D exiting signature to the east.
G	RWY 10 Glideslope	Safety area improvements on north complex and grading of RWY 10 glideslope reflective plane.	2023 TBD	Upcoming	Y	Will reduce capacity during Instrument operations. Glideslope outage for 120 days. Localizer will be operational.



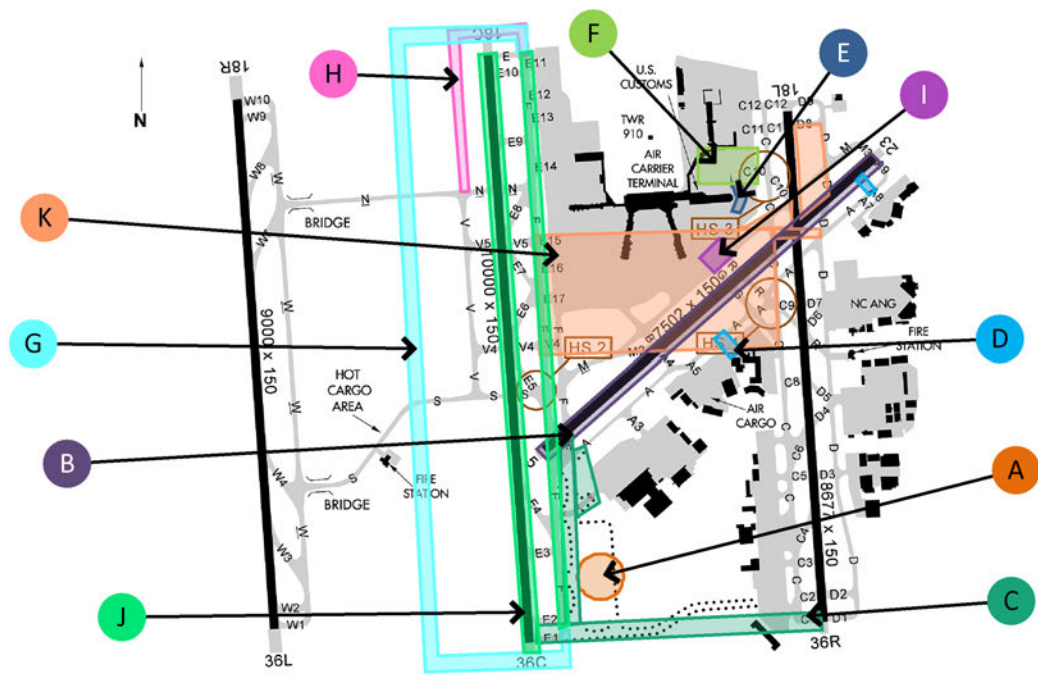
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A	Control Tower	G	G	G	G	G																															
B	RWY 5/23	G	G	G	G	G	G	G	G	G	G																										
C	South Crossfield TWY, TWY F & De-ice Apron	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Control Tower	New FAA Control Tower.	06/02/2017 to 02/22/2022 TBD	In Progress	G	Commissioning date planned for February 22, 2022 on the midnight shift.
B	RWY 5/23	RWY 5/23 closed except for taxiing.	10/31/2020 to 06/30/2022	In Progress	G	Airport Operations plans on extending NOTAM until final decommissioning, of which the date is TBD.
C	South Crossfield TWY, TWY F & De-ice Apron	Installation of an east-west taxiway (between RWYs 18C/36C & 18L/36R), extension of TWY F, and creation of de-icing pads near the RWY 36C threshold.	March 2021 to 07/11/2024	In Progress	G	TWY U was closed in early May and will reopen with the TWY F extension. Taxiway F, de-icing pads, and South Crossfield Taxiway paving and electrical work scheduled to start the Fall 2022.



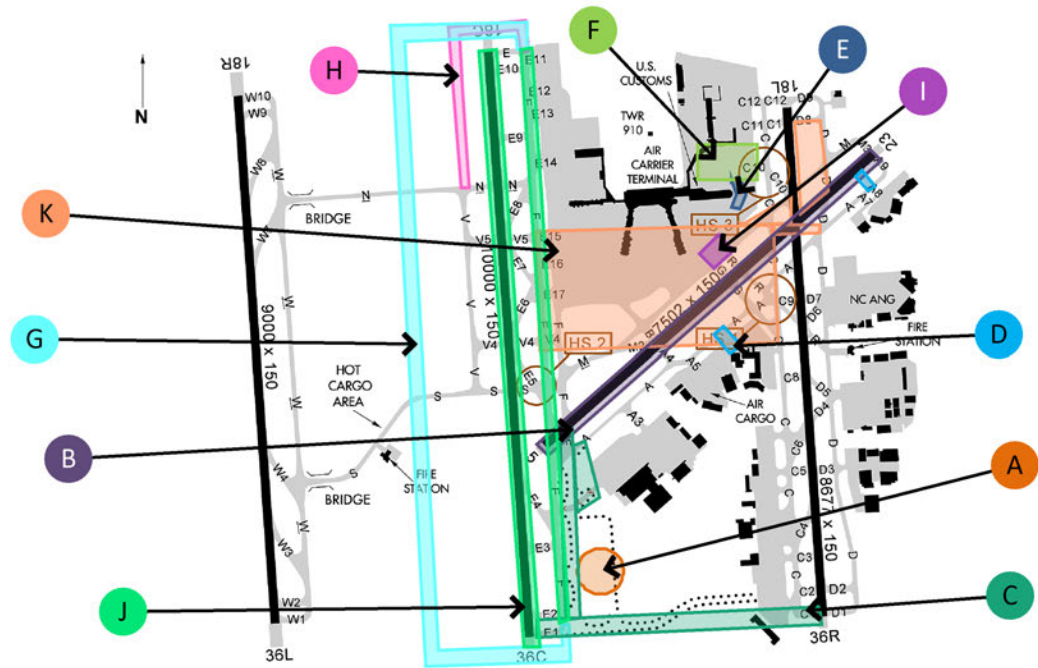
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D	TWYs A6 & A8	G	G	G	G	G																															
E	Taxilane D Slab Repairs	G	G	G	G	G	G																														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWYs A6 & A8	TWY A6 closed. Ramp is not in use. It is no longer used to access aircraft parking. (3/7/21- 12/31/21) TWY A8 closed between RWY 5/23 and TWY A. Pavement rehab work. (August 2021 TBD - 12/31/21)	03/07/2021 to Q1 2022	In Progress	G	NOTAMed closed until end of 2021 due to pavement issues. Airport Operations is having internal discussions about possibility of closing both taxiways permanently.
E	Taxilane D Slab Repairs	Concrete slab repairs on terminal ramp's Taxilane D.	10/01/2021 to 03/31/2022	In Progress	G	Phase 1 complete. Phase 2 (14 day duration) to be completed January 2022. Early January (Night of January 10) Taxilane Open to Group III only. Nightly Taxilane closure. Gates D7, D9, and D11 closed. Phase 3 (7 day duration) to be completed March 2022. Airport and AAL are coordinating gate closures. Taxilane will be closed nightly. Restricted to aircraft Group III and under during the day.



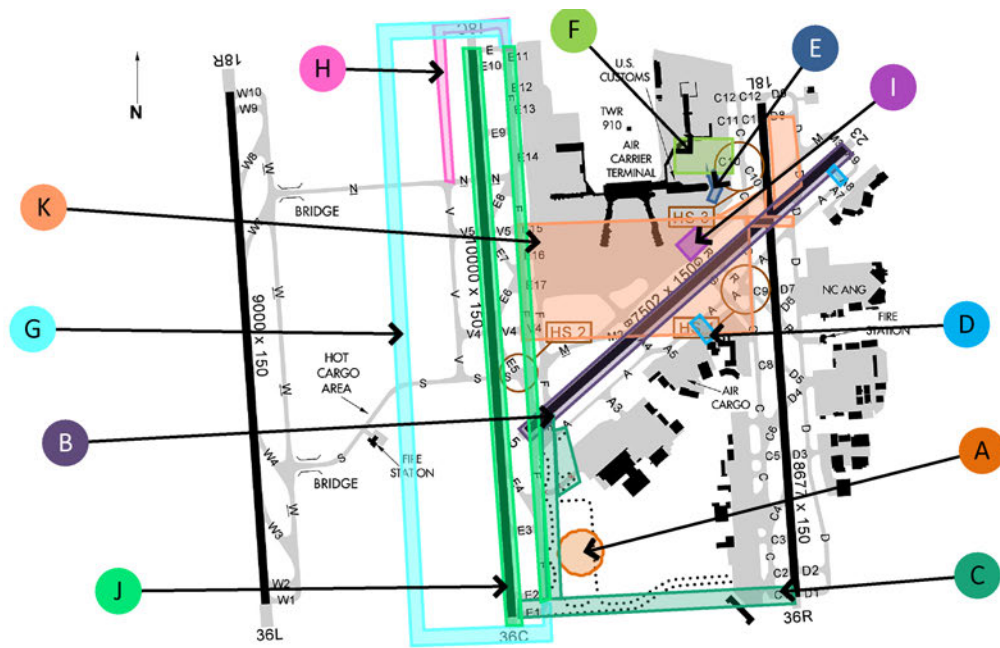
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F	D and E Dual Taxilanes				G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G														
G	New 4th Parallel RWY																T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	D and E Dual Taxilanes	Expand ramp concrete east into current grass islands, to create room for dual taxilanes along D & E concourses.	January 2022 to July 2023	Upcoming	G	Construction will be phased to allow the use of D and E concourses with a single taxilane. Taxi times may increase slightly.
G	New 4th Parallel RWY	Build new runway to add capacity, 10,000 ft. x 150 ft., plus end-around TWYs.	2023 TBD to 2028 TBD	Upcoming	T	Multi-phased project. Currently in environmental review. 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.



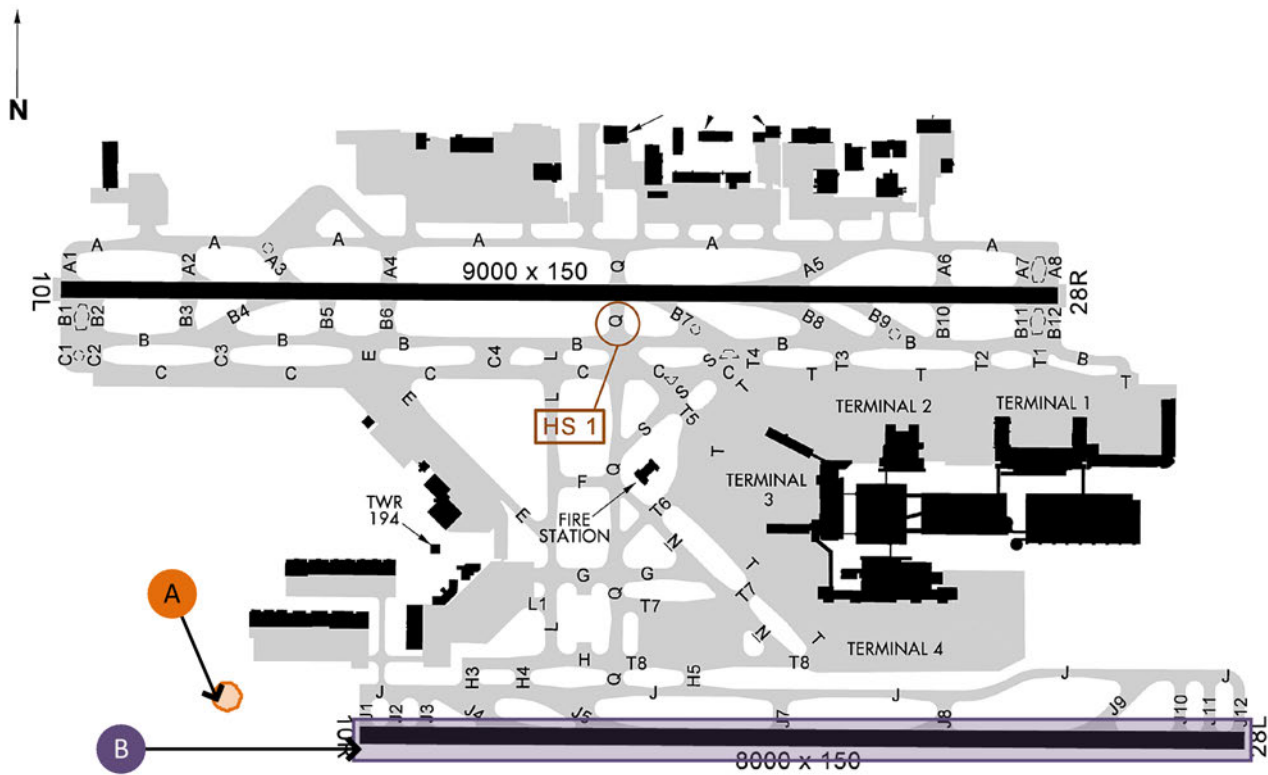
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H	North End-Around Taxiway (NEAT)					G	G	G	G	G	G	G	G	G	G	G	Y	Y	Y	Y	Y	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	North End-Around Taxiway (NEAT)	Build an end-around taxiway north of RWY 18C/36C.	02/01/2022 to 12/31/2022	Upcoming	G	Early cabling package begins February 2022. Grading and drainage work to begin June 2022.
		Build an 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.	January 2023 to May 2023	Upcoming	Y	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. Capacity rates may be impacted during this phase.
		Paving and lighting work to begin March 2024. Completion date planned for December 2024.	Jun 2023 TBD to Dec 2024 TBD	Upcoming	T	
		Phase 2 of the Northeast End-Around Taxiway (NEAT). Dates are tentative.	2028 TBD	Upcoming	T	



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I	Terminal Slab Repair	G	G																																			
J	RWY 18C/36C & TWY E	G																																				
K	Terminal Ramp Expansion																T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	

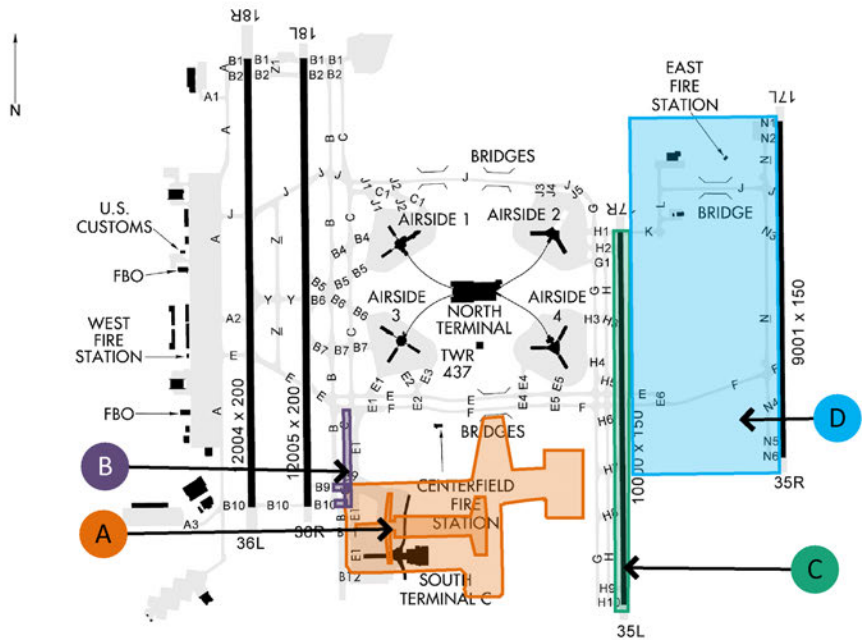
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
I	Terminal Slab Repair	Terminal ramp slab repairs between TWYs R & G.	03/07/2021 to 11/30/2021	Complete	G	
J	RWY 18C/36C & TWY E	Airfield marking repairs along RWY 18C/36C & TWY E.	08/08/2021 to 10/22/2021	Complete	G	
K	Terminal Ramp Expansion	Convert RWY 5/23 to a taxiway in September 2023. After the runway is closed and the ASR relocated, extend terminal ramp to the south to improve ground traffic flow and facilitate future expansion.	2023 TBD to 2027 TBD	Upcoming	T	Environmental Assessment is underway. 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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A	RWY 10R Crane ops	G	G	G	G	G	G	G																														
B	RWY 10R/28L Closure	Y																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 10R Crane ops	Crane operations in the vicinity of FLL RWY 10R.	05/26/2021 to 04/24/2022	In Progress	G	Deployment of crane(s) in the location(s) designated deems FLL RWY 10R unusable for arrivals during the noted dates and times (0300z-0945z). FLL ILS or LOC RWY 10R, AND RNAV (GPS) RWY 10R. Procedure NA daily from 11PM to 5:45 AM EST unless advised by ATC.
B	RWY 10R/28L Closure	RWY 10R/28L and TWYs J and H closed daily for joint repair of airport surfaces.	09/20/2021 to 10/10/2021	Complete	Y	

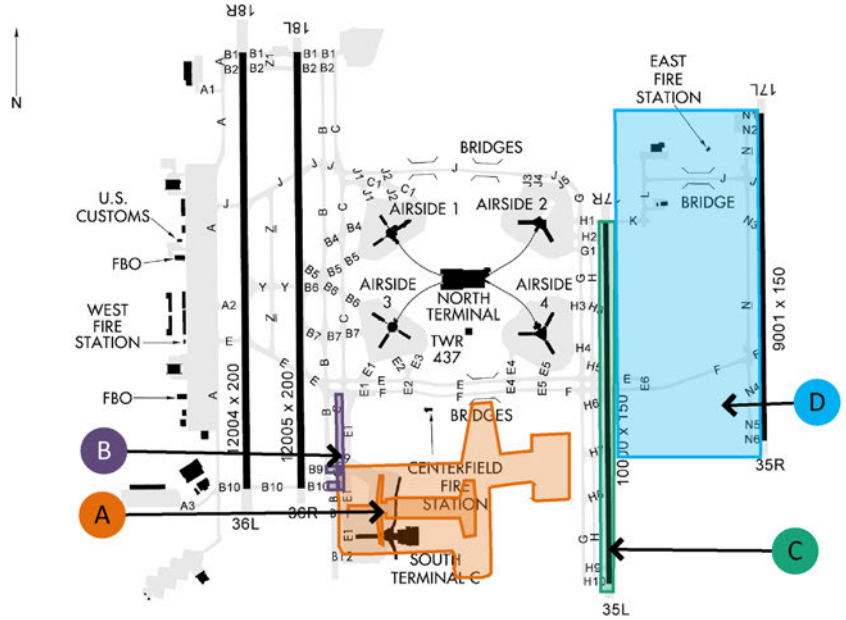
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A	South Terminal Complex	G	G	G	G	G	G	G	G	G	G																											
B	TWYs B9, B10 and C	G	G	G	G	G																																
C	RWY 17R ALSF	G	G																																			

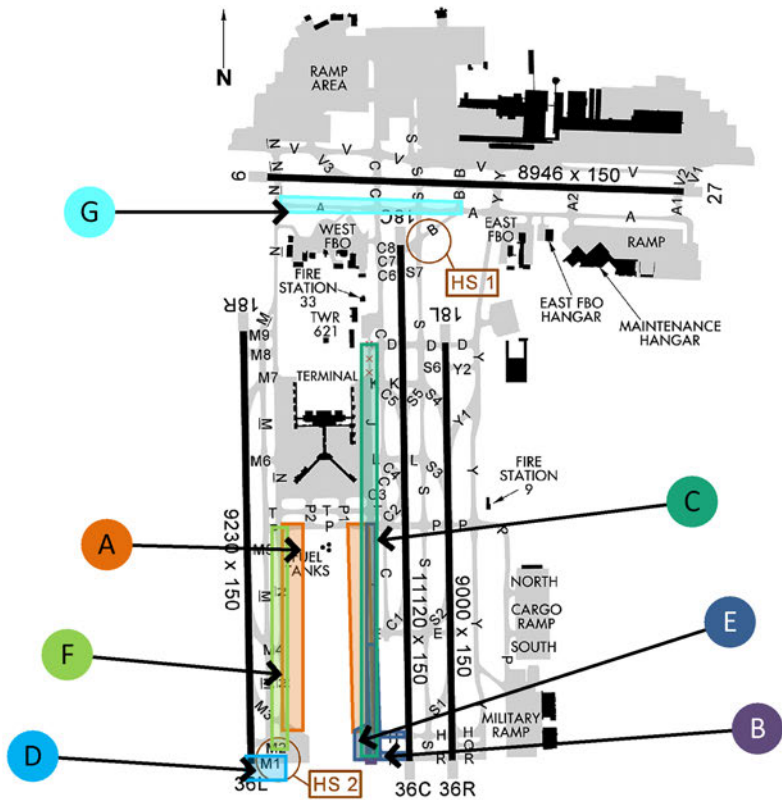
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	South Terminal Complex	Construction of a South Terminal Complex and Intermodal Facility with associated apron/taxiway construction. Limited runway and taxiway closures for tie-ins. Includes a 19-gate concourse and terminal.	June 2019 to Jun 2022 TBD	In Progress	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.
B	TWYs B9, B10 and C	TWY B9 closed between TWY B and TWY C. TWY B10 closed between TWY B and TWY C. TWY C closed between TWY F and TWY B10.	12/10/2019 to Q1 2022	In Progress	G	TWY B closed between TWY F and TWY B10. TWY B10 closed between approach end of RWY 36R and TWY B to aircraft with wingspans greater than 214 feet.
C	RWY 17R ALSF	Replacement of the RWY 17R ALSF.	01/01/2021 to November 2021	Complete	G	

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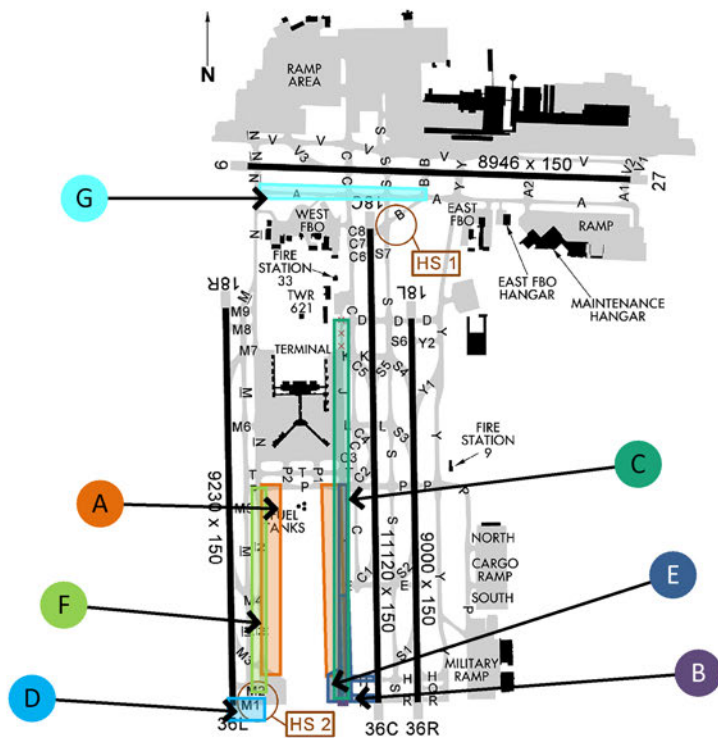
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D	East-side Taxiways			T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	East-side Taxiways	<p>Associated taxiways closed for rehab, lighting, painting and signage on all taxiways between RWYs 17L & 17R.</p> <p>Phase 1: TWY E between RWY 17R/35L & E6 for 20 days.</p> <p>Phase 2: Above closure plus TWY F between N and RWY 17L/35R for 55 days.</p> <p>Phase 3: Above closures plus TWY N between N3 and N4 (plus occasional RWY 17L/35R closures when working within the RSA. Coordinated as needed) for 45 days.</p> <p>Phase 4: All of the above closures plus TWY J between L and RWY 17L/35R, TWY N and all connectors, RWY 17L/35R. Work will be done overnights for 7 days.</p> <p>Phase 5: Pavement markings. All areas covered above. After 30-day curing period. Closures, including runway closures, will be coordinated.</p>	Q1 2022 to 09/01/2023	Upcoming	T	<p>There may be some capacity issues depending on the closures and the flow.</p> <p>Still in the design phase. If long term taxiway closures are encountered, RWY 17L/35R would be inaccessible - reducing capacity.</p> <p>2022: TWYs E & F.</p> <p>2023: TWYs N (and connectors) & J.</p> <p>Phase 1 should have little or no impacts.</p> <p>Phase 2 could have some minor impacts as RWY 17L would be primarily a departure runway and RWY 35R would be an arrival only runway. In a north flow that is not a change, for a south flow movement of air traffic may need to be modified depending on demand.</p> <p>Phase 3: Same impacts as Phase 2.</p> <p>Phase 4: Limited Impacts, overnight work.</p> <p>Phase 5: Limited impacts on specific closures for painting.</p> <p>The closures will be coordinated as needed.</p>



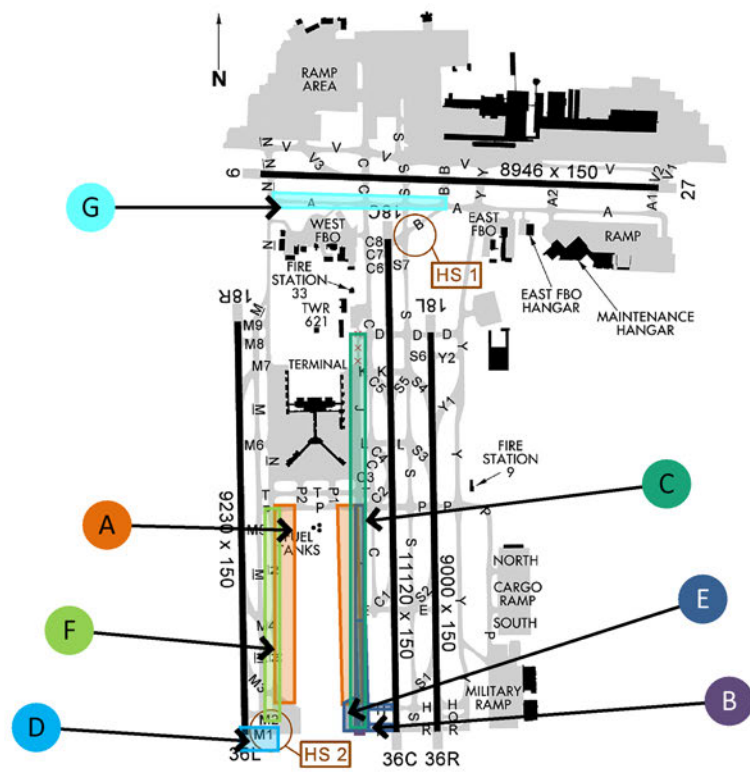
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A	TWYs N & J Deicing Pad	G	G	G	G	G	G	G	G	G	G	G																									
B	TWYs J, P and R	G	G	G	G	G																															

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	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	September 2017 to August 2022	In Progress	G	Crane located between TWYs N and J deice pads no longer in use. CAT II/III operations no longer affected.
B	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 02/04/2022	In Progress	G	



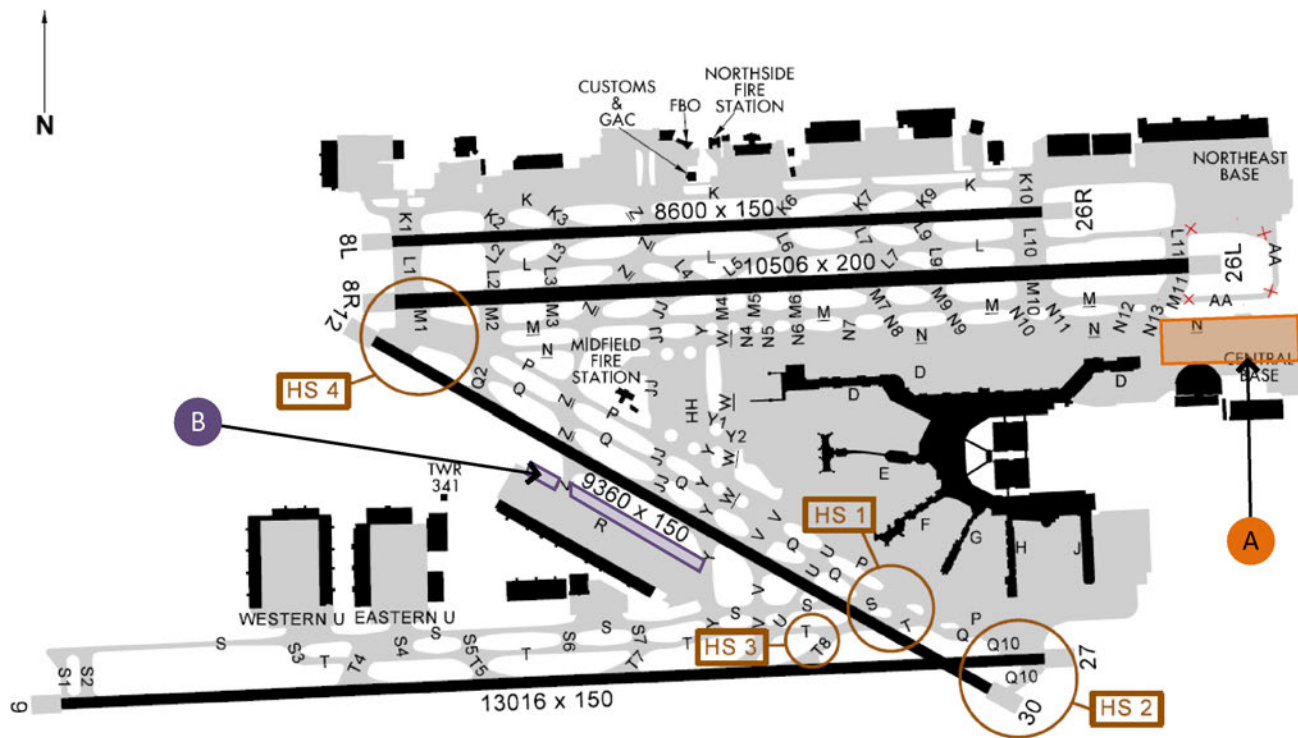
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C	TWY J Light Can				G	G	G																														
D	TWY M1				G	G																															
E	TWY J - Phase 3					G	G																														

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY J Light Can	Installation of light can for TWY J.	January 2022 to March 2022	Upcoming	G	Phased to minimize the impact to operations.
D	TWY M1	TWY M1 closed.	January 2022 to February 2022	Upcoming	G	Possibility of some MD11's and B777's won't be able to land RY18R if full length is required due to turn around ratio on the RWY. Expected to be 5-6 weeks.
E	TWY J - Phase 3	TWY H closed west of RWY 18C/36C. TWY J closed south of TWY P.	02/15/2022 to 03/31/2022	In Progress	G	The project duration is expected to be 5-6 weeks.



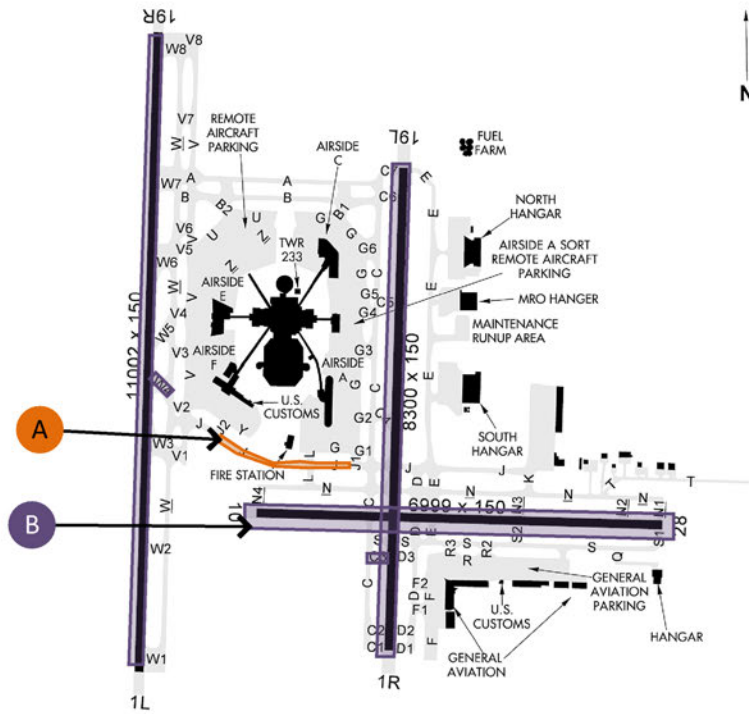
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F	TWY N				G	G	G	G	G	G	G	G																									
G	TWY A										T	T	T	T																							

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	TWY N	TWY N south of TWY P closed.	January 2022 to August 2022	Upcoming	G	
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. Duration 4 months.	Summer 2022 to October 2022	Upcoming	T	Construction will be done in four phases. Impact level will be changed if there is any effect on capacity or delays.



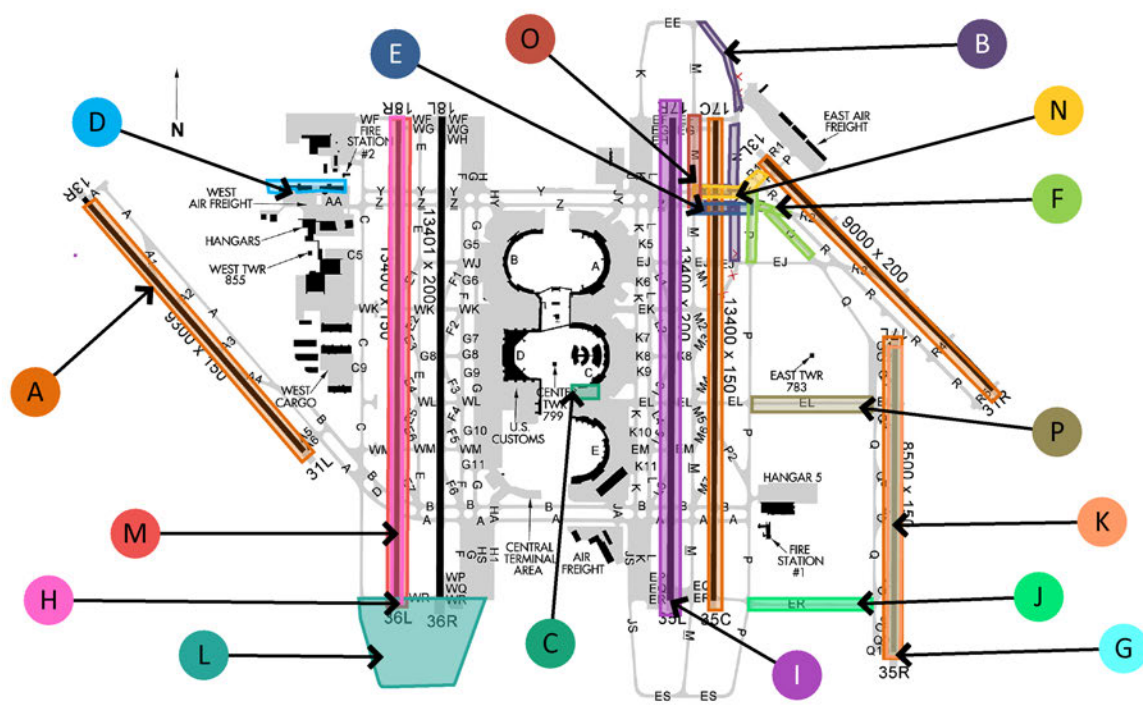
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A	Central Base Ramp	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																						
B	TWY R Extension/ Relocation	G																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Central Base Ramp	Central Base (East side) ramp expansion and taxiway tie-in.	June 2019 to 2022 TBD	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 and M.
B	TWY R Extension/Relocation	TWY R closed for extension.	06/20/2020 to 10/15/2021	Complete	G	



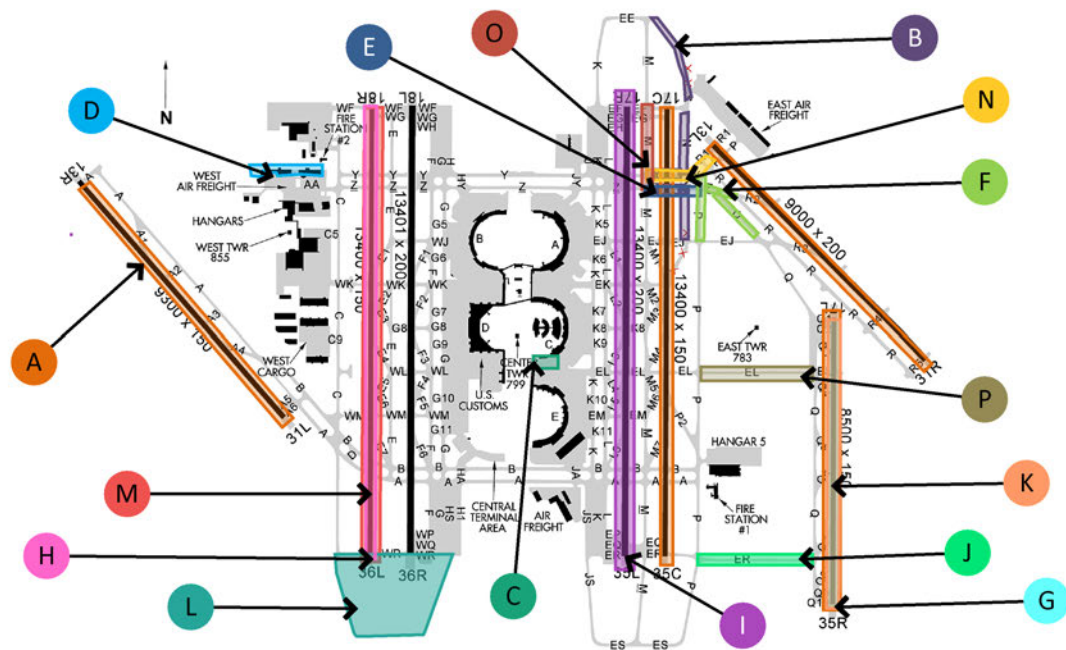
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A	TWY J	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
B	Part 139 Airfield Improvements				Y	Y	G	Y	Y	Y																											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY J	TWY J closed between TWY J2 and TWY J1 to aircraft with wingspans greater than 171 feet.	08/03/2021 to 12/31/2024	In Progress	G	
B	Part 139 Airfield Improvements	RWY 1R/19L closure to address drainage and minor pavement issues.	01/05/2022 to 02/18/2022	Upcoming	Y	RSA/TSA grading and drainage improvements for W4. Rates are expected to be reduced to 35 AAR.
		RWY10/28 closure to address drainage and minor pavement issues.	01/19/2022 to 03/14/2022	Upcoming	G	RSA grading and drainage improvements, bring electrical structures to grade - no capacity effect
		RWY 1L/19R closure to address drainage and minor pavement issues.	04/20/2022 to 06/03/2022	Upcoming	Y	RSA/TSA grading and drainage improvements for C4, bring electrical structures to grade. Rates are expected to be reduced to 35 AAR.



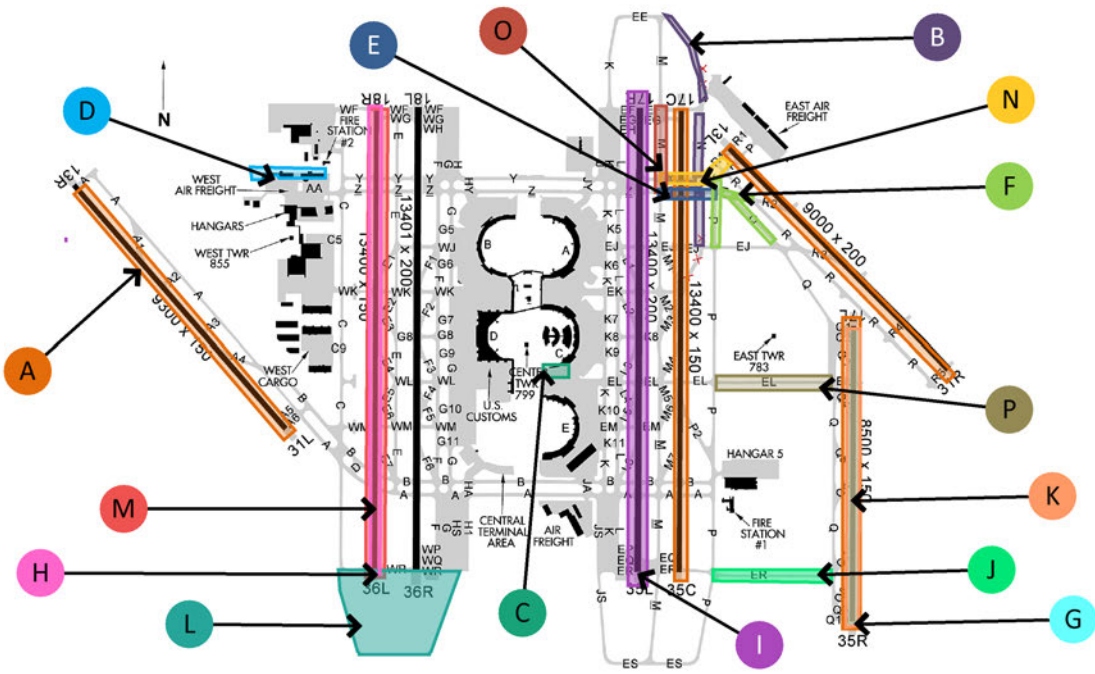
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A	RWYs 17C/35C, 17L/35R, 13R/31L, & 13L/31R Restricted	G	G	G	G	G																															
B	Northeast End-Around Taxiway	G	G	G	G	G	G																														

	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.	06/18/2020 to Q1 2022	In Progress	G	
B	Northeast End-Around Taxiway	Package II: Includes construction of TWY N from the N1 high speed and connection to TWY M.	09/14/2020 to March 2022	In Progress	G	TWY Y to close Oct 1, 2021 through Jan 1, 2022.



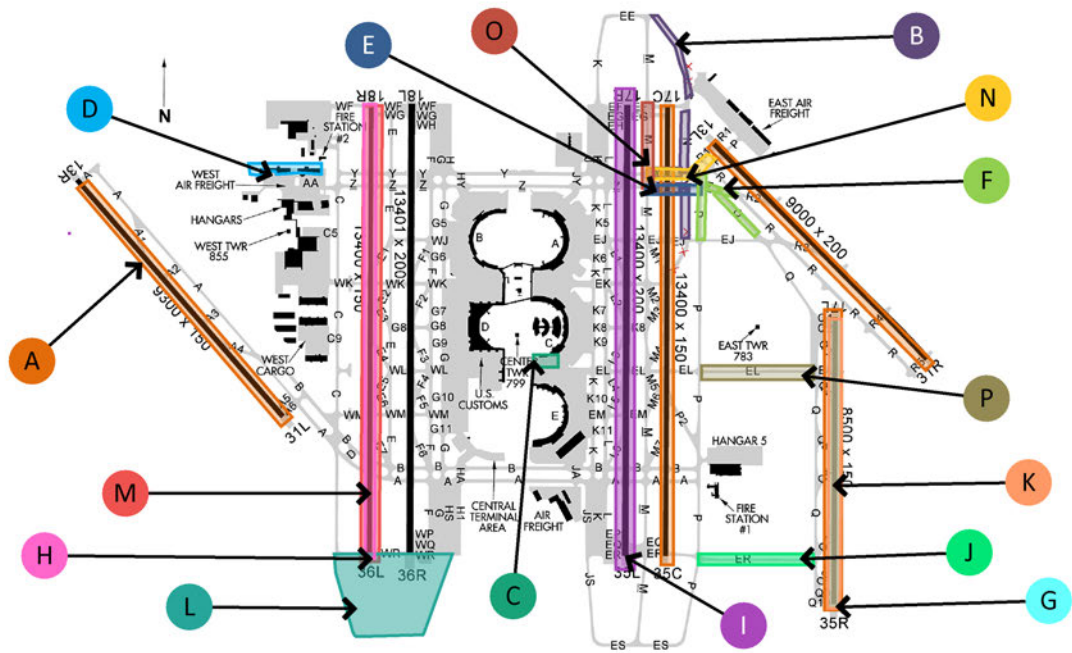
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C	Concourse C (high C) project	G	G	G	G	G	G	G	G	G																														
D	NW Air Cargo Demolition	G	G	G	G																																			
E	TWY Z	G	G	G	G	G																																		
F	TWYs P, Q and Z restricted	G	G	G	G	G																																		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	Concourse C (high C) project	High C Concourse Reconstruction	March 2020 to June 2022	In Progress	G	
D	NW Air Cargo Demolition	NW cargo demolition	August 2021 to January 2022	In Progress	G	Ramp impacts only
E	TWY Z	TWY Z closed between TWY M and TWY P.	10/20/2021 to 02/28/2022	In Progress	G	
F	TWYs P, Q and Z restricted	Taxiways P, Q and Z closed to aircraft with wingspans greater than 171 feet.	10/20/2021 to 02/01/2022	In Progress	G	



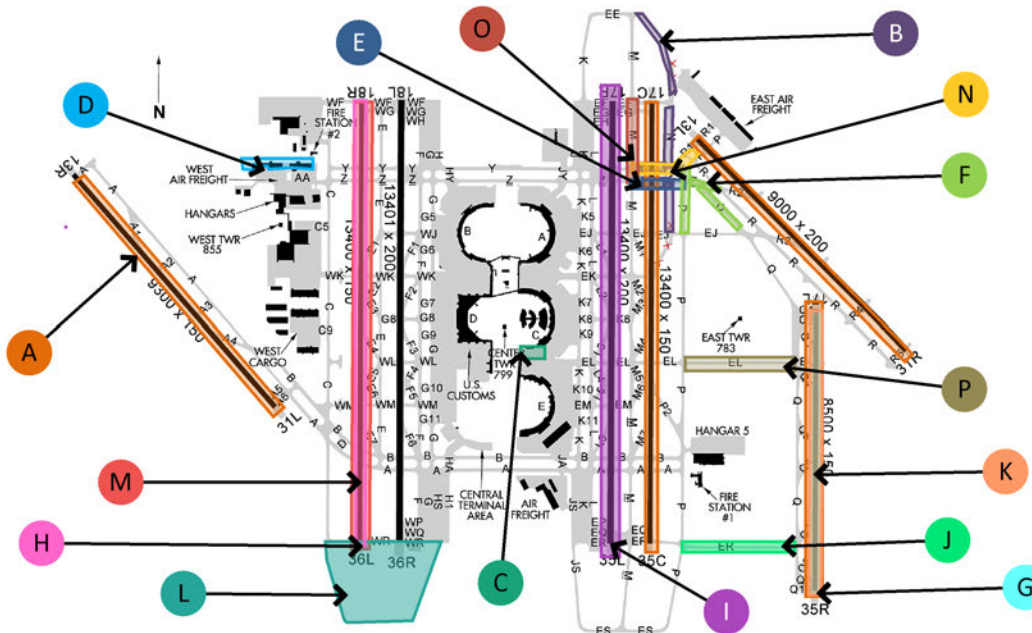
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G	RWY 17L/35R Joint Sealant project		G	G	G	G	G	G																													
H	RWY 36L ALSF-2																T	T	T	T	T	T	T	T	T	T	T										
I	RWY 17R Rehabilitation																	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	




	Project	Description of Work	Estimated Dates	Status	Impact	Notes
G	RWY 17L/35R Joint Sealant project	RWY 17L/35R joint sealant repairs.	November 2021 to April 2022	In Progress	G	Work will be done overnight and is not expected to have an impact on operations.
H	RWY 36L ALSF-2	Remove and replace Runway 36L MALSR with ALSF-2.	2023 TBD	Upcoming	T	The airport is planning to re-establish the 36L MALSR in July 2021. 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.
I	RWY 17R Rehabilitation	RWY 17R will be a full rehabilitation. Dates are tentative.	Q2 2023 to Q3 2024	Upcoming	R	Start dates are unknown, however it is planned to be a 2023 or 2024 major project.

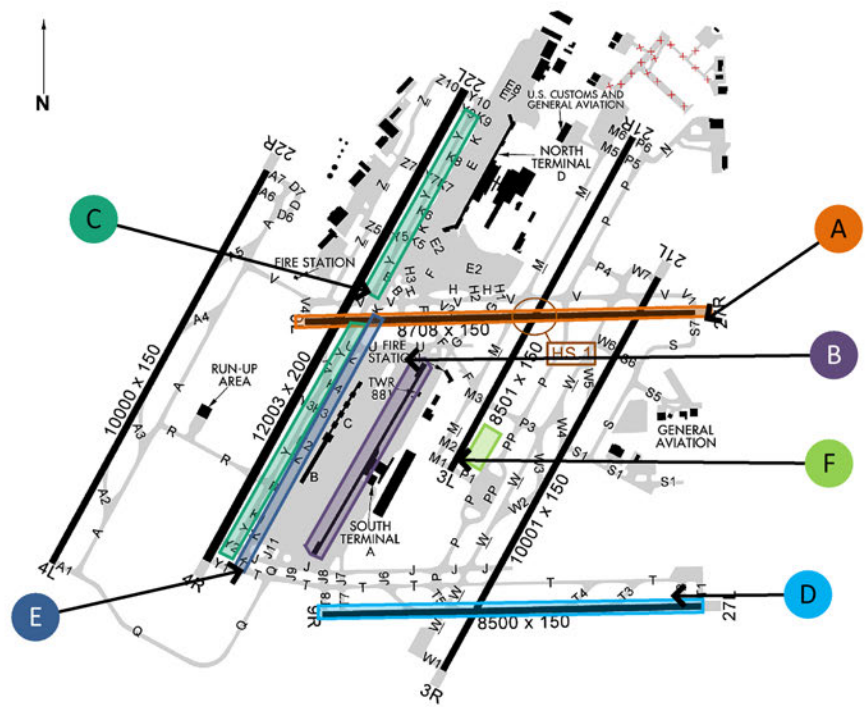


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J	TWY ER Soil Remediation, Slope 1					T	T																														
K	RWY 17L/35R Storm Drain project					G	G	G	G	G	G	G	G																								
L	Southwest End-Around Taxiway																T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
J	TWY ER Soil Remediation, Slope 1	TWY ER soil remediation, Slope 1.	February 2022 to March 2022	Upcoming	T	ADG III aircraft restrictions.
K	RWY 17L/35R Storm Drain project	Storm Drain repair project.	February 2022 to September 2022	Upcoming	G	Night work only: (2300-0600)
L	Southwest End-Around Taxiway	RWYs 36L & 36R Southwest End-Around Taxiway (EAT). Package I.	2023 TBD	Upcoming	T	Project deferred UTA. Not planned until 2023 start.
		Runway 36L & 36R South Section. Package II	07/01/2023 to 09/30/2025	Upcoming	T	

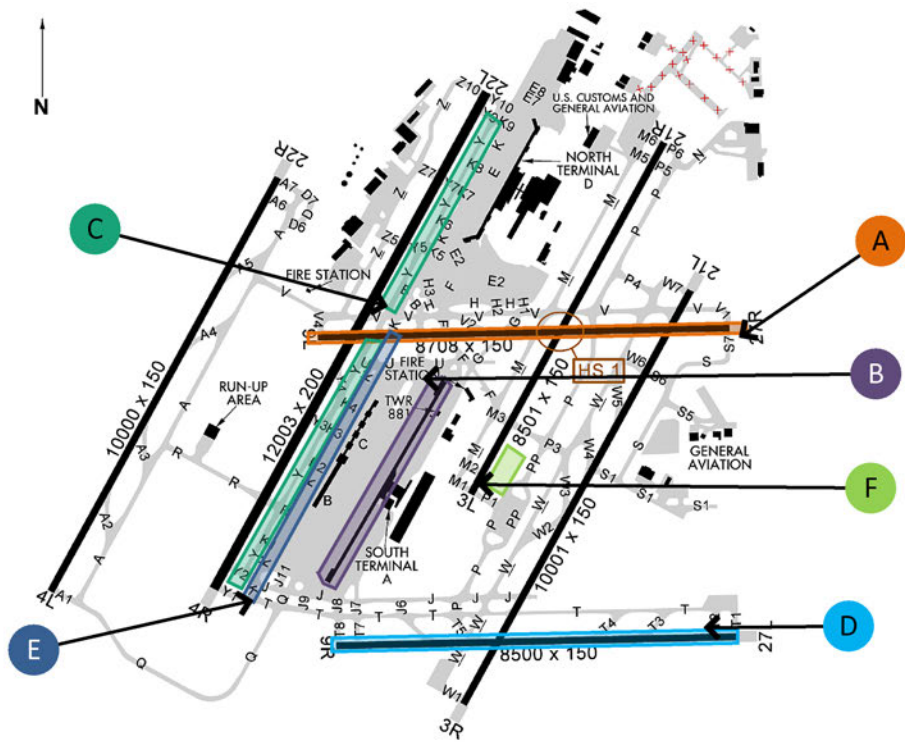
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
M	RWY 18R/36L Rehab Completion	RWY 18R/36L closed for completion of rehabilitation. Closed nightly between 2300 to 0600 (as needed).	05/01/2021 to 11/19/2021	Complete		Work to repair splices and reinstall 36L MALSR to occur until 11/5/21 followed by flight check prior to Thanksgiving moratorium.
N	TWY Y - new	TWY Y closed between TWY M and TWY P.	06/28/2021 to 10/01/2021	Complete		
O	TWY N	TWY N closed between TWY Y and TWY Z. TWY N closed between TWY EF and TWY Y.	06/28/2021 to 10/31/2021	Complete		
P	TWY EL Soil Remediation, Slope 6	Soil Slope Remediation, slope 6.	April 2022 to June 2022	Upcoming		ADG III restrictions.



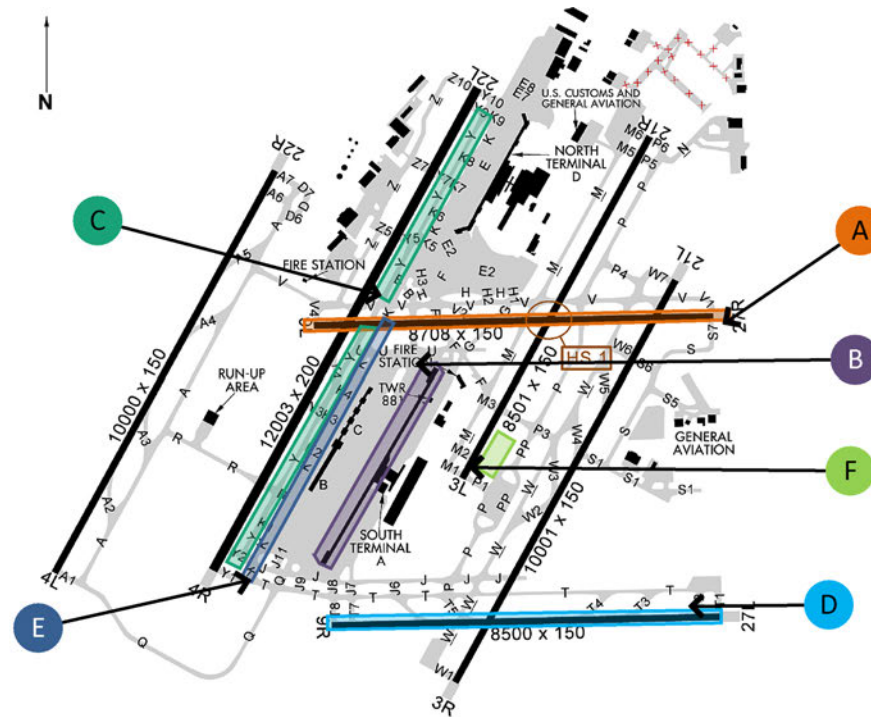
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A	RWY 9L/27R - new		G	G																																	
B	McNamara Apron Rehabilitation							G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 9L/27R - new	RWY 9L/27R closed except for taxiing between TWY V4 and G.	11/19/2021 to 12/17/2021	Complete	G	Runway is available when necessary for East or West flow.
B	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 and will be broken into phases. Project is not expected to have much aircraft ground movement impact. The portion of the work that was to be done by 11/15/21 is complete with a few minor remaining items and will be finished for the rest of 2021 by 11/29/21.

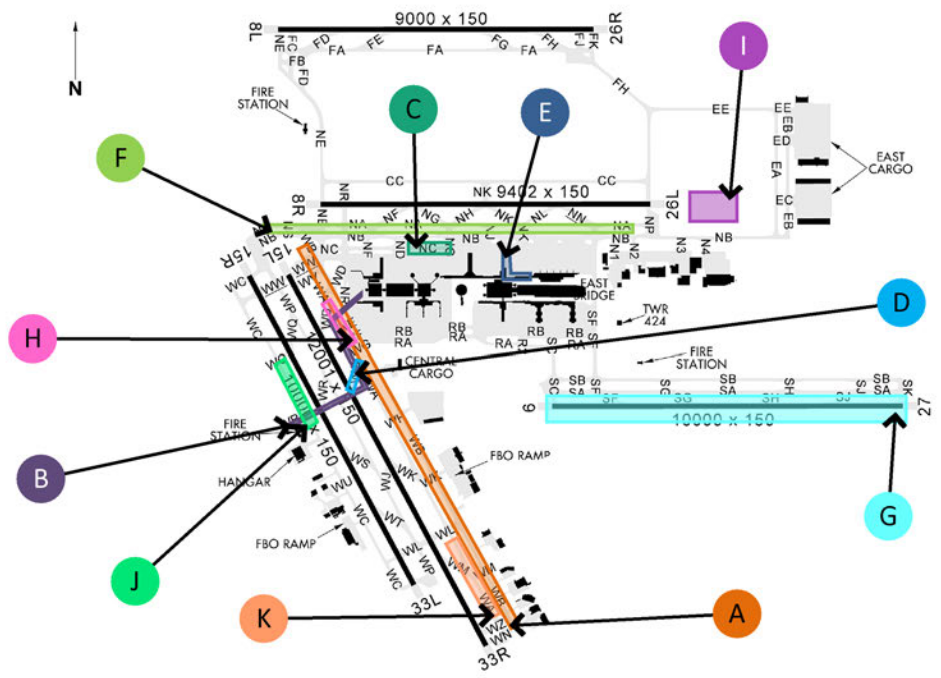


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C	TWY Y Rehab - Phases 1 & 2							G	G	G	G	G	G	G	G					G	G	G	G	G	G	G	G															
D	RWY 9R/27L Rehabilitation																																				G	G	G	G	G	G

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY Y Rehab - Phases 1 & 2	Rehabilitate Taxiway Y between Taxiway Y9 and Taxiway V.	04/01/2022 to 11/15/2022	Upcoming	G	Project is in movement area and will be broken up into phases to minimize impact to aircraft ground movement. It is not anticipated to require closure of RWY 4R/22L.
		Rehabilitate Taxiway Y south of RWY 9L/27R.	04/01/2023 to 11/15/2023	Upcoming	G	Project is in movement area and will be broken up into phases to minimize impact to aircraft ground movement. It is not anticipated to require closure of RWY 4R/22L.
D	RWY 9R/27L Rehabilitation	Rehabilitation of RWY 9R/27L.	04/01/2024 to 11/15/2024	Upcoming	G	Project will mill and overlay the runway to extend its useful life.

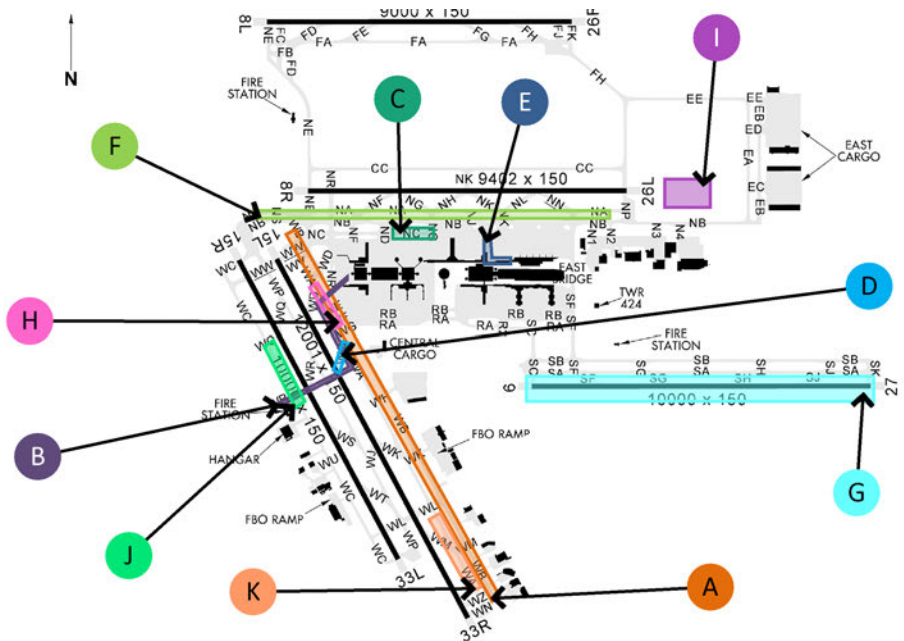
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	TWY K Rehab - Phases 1 & 2	Rehabilitate TWY K between TWY Y2 and TWY R and TWY K between TWY Y4 and TWY U.	04/01/2024 to 11/15/2024	Upcoming	T	Project is in movement area and will be broken up into 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 and will be broken up into phases to minimize impact to aircraft ground movement. It is not anticipated to require any runway closure.
F	RWY 3L Deice Pad	Reconstruct and shift the 3L deice pad.	04/01/2024 to 11/15/2024	Upcoming	T	Project will relocate the pad slightly to conform with design standards. Project will be completed during non-deicing season. This will require different taxi routes to be used to move around the construction area.



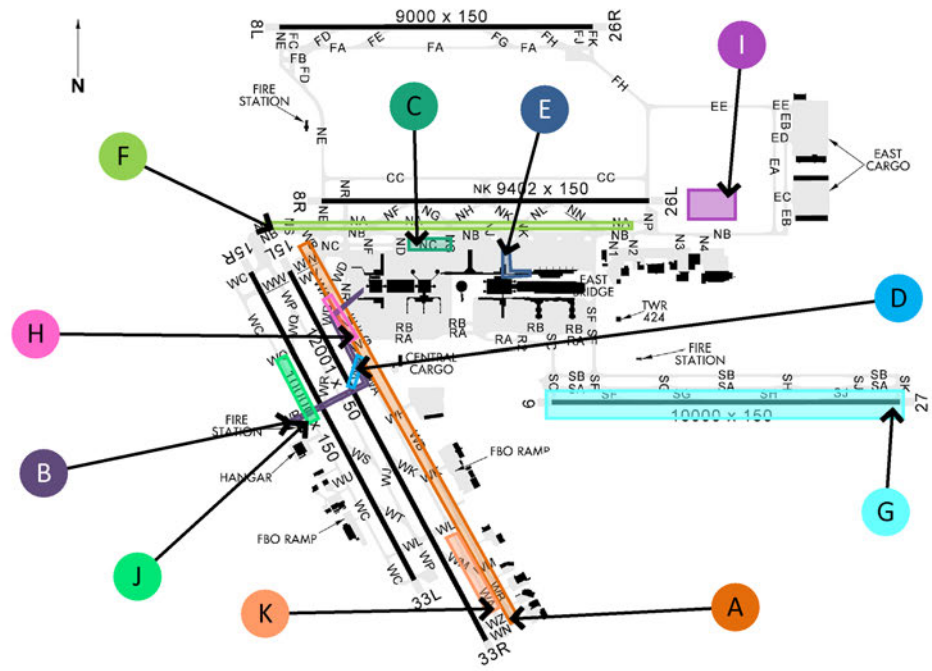
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A	TWY WB Reconstruction	G	G	G	G	G	G	G	G																													
B	Airport Sanitary Sewer Mains	G	G	G	G																																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY WB Reconstruction	Complete reconstruction of TWY WB.	Jan 2020 TBD to Q2 2022	In Progress	G	Phased closures in effect.
B	Airport Sanitary Sewer Mains	Rehabilitation of sewer line from Terminal A Southbound, then West of Taxilane (TWY) WC. TWY WB will be restricted to Group III aircraft and smaller between TWYs WE & WD. Possible delays to larger outbound departures to either RWY 15L or 15R from the south ramp. TWY WA will be utilized by larger aircraft to transition them to TWY WB at TWY WD.	05/01/2020 to January 2022	In Progress	G	Estimated project duration 419 days. Will affect RWY 15L/15R for nightly closures.



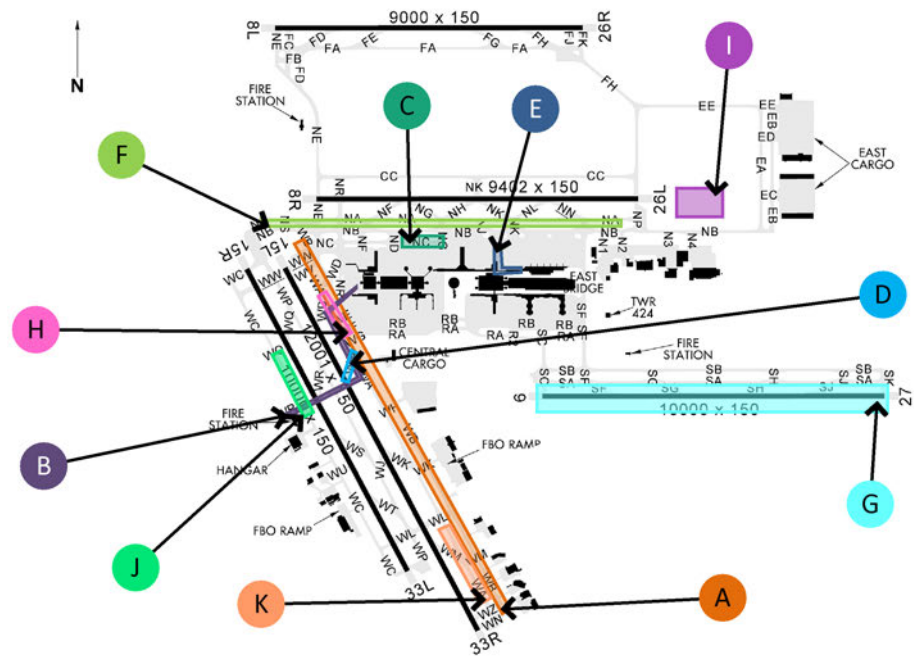
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C	TWY NC	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
D	TWY WG (part of airport sewer project)	G	G	G																																	
E	MLIT Project				G	G	G	G																													

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY NC	TWY NC closed between NC Spot 9 to TWY NG to aircraft with wingspans greater than 130 feet.	07/17/2020 to 2030 TBD	In Progress	G	This will be a permanent restriction for aircraft parking on the north taxilane.
D	TWY WG (part of airport sewer project)	TWY WG closed between RWY 15L/33R and TWY WA.	09/09/2020 to 12/31/2021	In Progress	G	Remains closed for contractor haul route into/out of work area.
E	MLIT Project	(New Int'l. Terminal-fuel line phase, West terminal pier) Before the West pier for the new International terminal can begin, a new fuel line phase will take place. This will affect the movement of UAL aircraft into and out of Terminal C gate C1-C7 for 60 days.	January 2022 to Apr 2022 TBD	Upcoming	G	Transfer Control Spots 15 and 16 between UAL ramp tower and IAH Tower will be closed the duration of the fuel line phase, leaving the only TCP 14 available way in and out for gates C1-C7. C7 is a Heavy aircraft gate. When UAL has an arrival to or a departure from C7, tug-in/tug-out procedures must be used onto TWY NB which will impede the flow of arrivals and/or departures out bound.



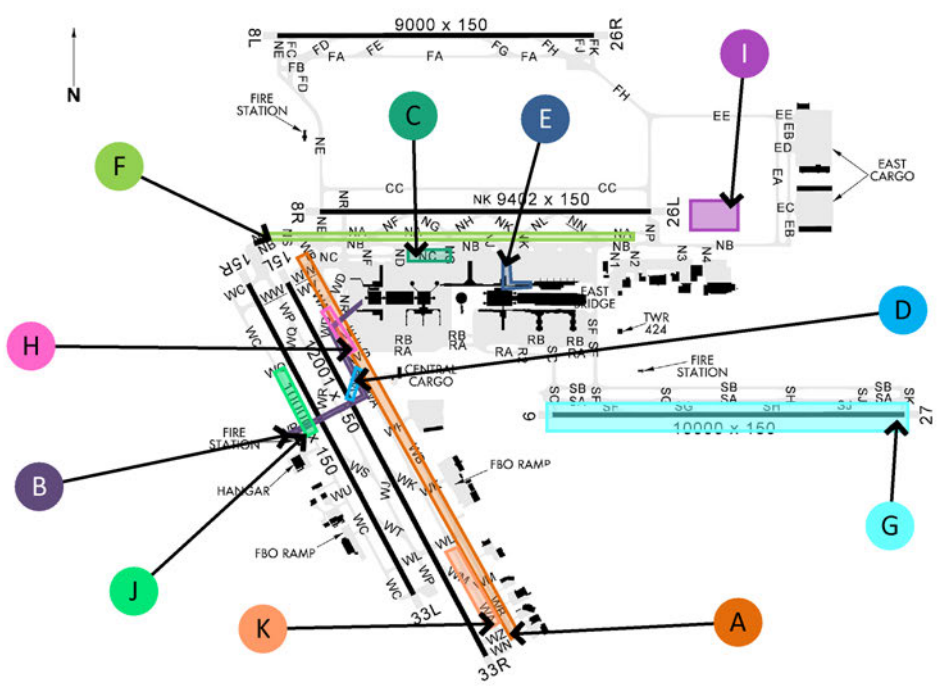
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F	TWY NA	G	G	G	G	R	R	R	G	G	G	G	G	G	G	G																					
G	RWY 9/27 & Windsock Replacement				Y																																

Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	TWY NA	TWY NA phased closures in conjunction for widening to accommodate ADG VI aircraft.	2021 TBD to 2022 TBD	Upcoming	G
	RWY 8R/26L will be closed at some point during this project for tie-in taxiways and lighting.	February 2022 to Apr 2022 TBD	Upcoming	R	No update of when this project might begin. Runway 8R/26L will be closed at some point during this project for tie-in taxiways and lighting.
G	RWY 9/27 & Windsock Replacement	RWY 9/27 will be barricaded closed for 460D project work and the Windsock replacement project. Runway marking work will also be completed during this time.	01/13/2022 to 01/26/2022	Upcoming	Y



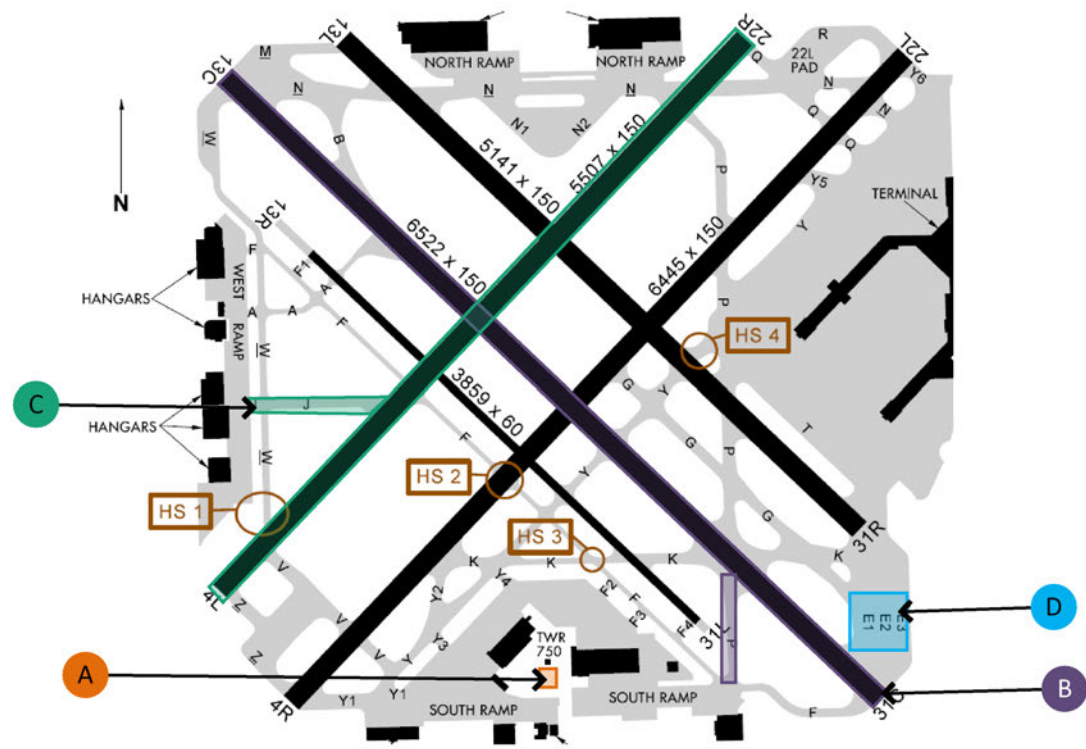
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H	TWY WA	Y																																			
I	RWY 26L ALSF Project							Y	Y	Y	Y	Y	Y	Y	Y	Y	R	R	R																		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	TWY WA	TWY WA will close between TWY WF and WD for approximately 14 days for manhole work between WA and WB. This work will not begin until current TWY WB/NR restrictions are removed.	10/01/2021 to 10/16/2021	Complete	Y	TWY WA closed in this area will cause possible departure delays due to aircraft coming out of the South ramp and only having one Taxiway (WB) open to both RWY 15L and 15R.
I	RWY 26L ALSF Project	Removing all old ALSF equipment/buildings/etc. damaged from hurricane Harvey and building multiple storage buildings, new approach lighting and in-pavement lighting for RWY 26L approach end.	Apr 2022 TBD to Sep 2022 TBD	Upcoming	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.	Sep 2022 TBD to Dec 2022 TBD	Upcoming	Y	
		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	



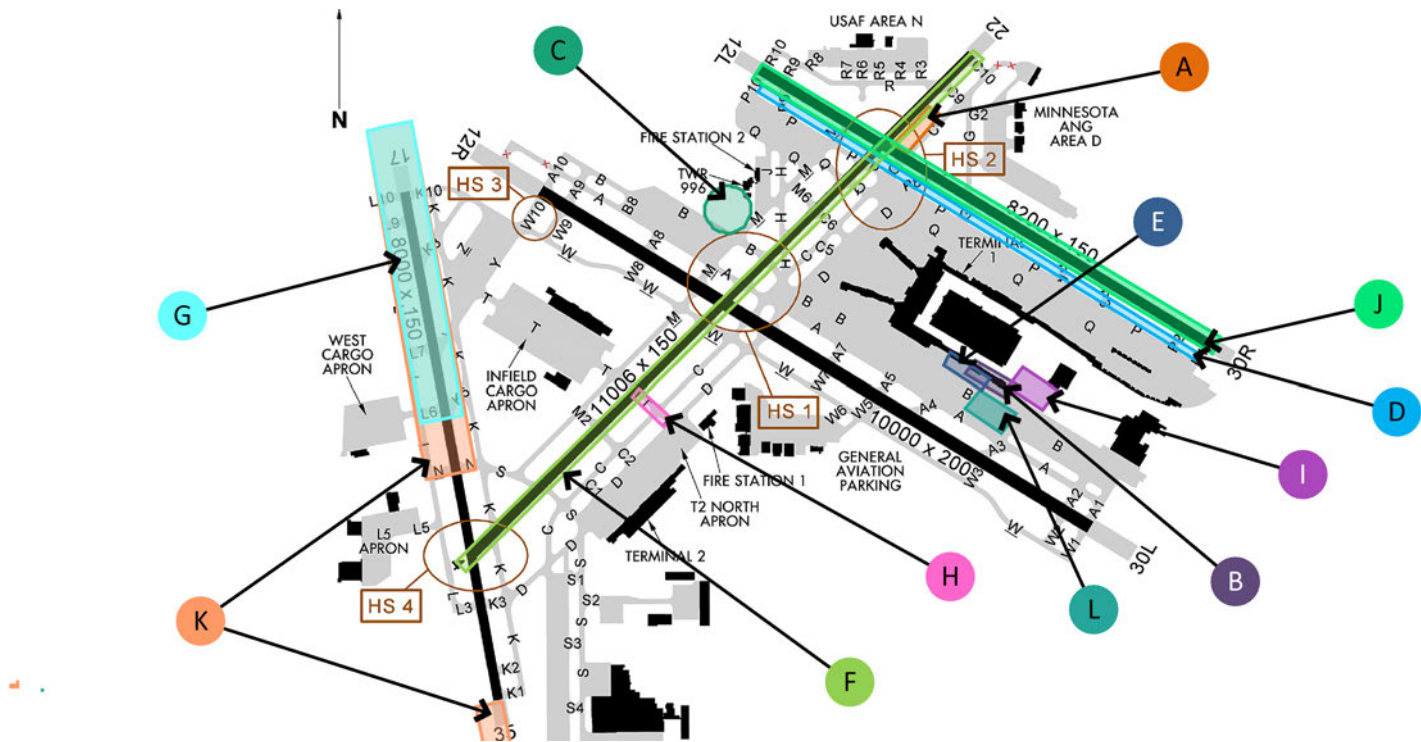
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J	Conoco Hangar	G																																			
K	TWY WB - Phase 8	G	G																																		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
J	Conoco Hangar	TWY WC will be closed between TWYs WR and WQ to connect the ramp area to the taxiway.	01/11/2021 to October 2021	Complete	G	This taxiway closure does not restrict any departures off RWY 15R.
K	TWY WB - Phase 8	TWY WB closed between 850 feet south of TWY WL and 1000 feet north of TWY WZ.	08/24/2021 to 11/13/2021	Complete	G	Phase 8 TWY WB Project will require tug-in and tug-out operations for Marathon/Apache CBO aircraft and for CommutAir aircraft to their maintenance hangar



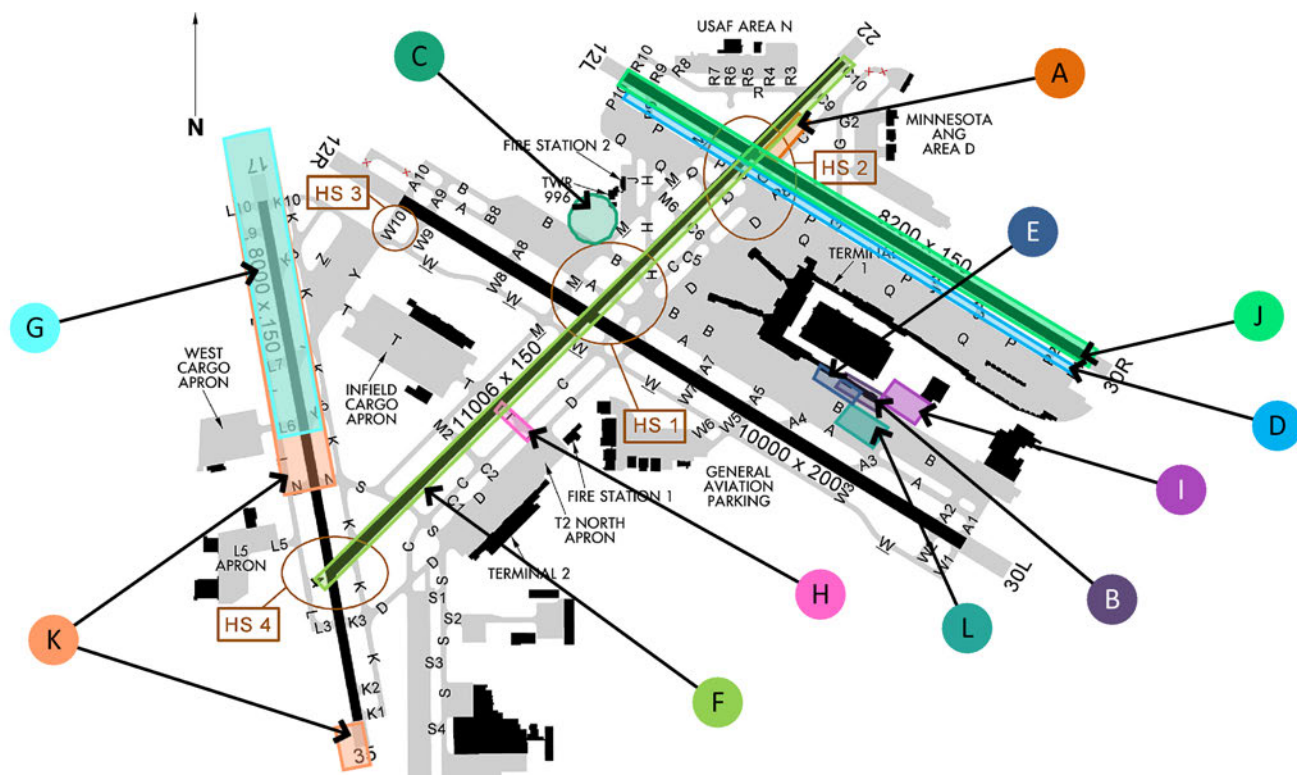
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A	RTR Relocation										T	T	T	T	T	T																						
B	RWY 13C/31C																																					
C	RWY 4L/22R & TWY J																																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RTR Relocation	Remote Transmitter Receiver (RTR) to be relocated from middle of airfield to GA Apron (southwest corner).	Summer 2022 TBD to Fall 2022 TBD	Upcoming	T	FAA Tech Ops & Engineering are working with CDA Planning on detailed plan submittals and approvals.
B	RWY 13C/31C	RWY 13C/31C Pavement Rehabilitation.	03/15/2023 to 11/01/2023	Upcoming	G	Currently planned for overnight closures, will have two to three 56-hour closures. Project is expected to include removal of TWY P between RWY 31C and TWY F.
C	RWY 4L/22R & TWY J	RWY 4L/22R and Taxiway J Pavement Rehabilitation.	2025 TBD to 2026 TBD	Upcoming	T	



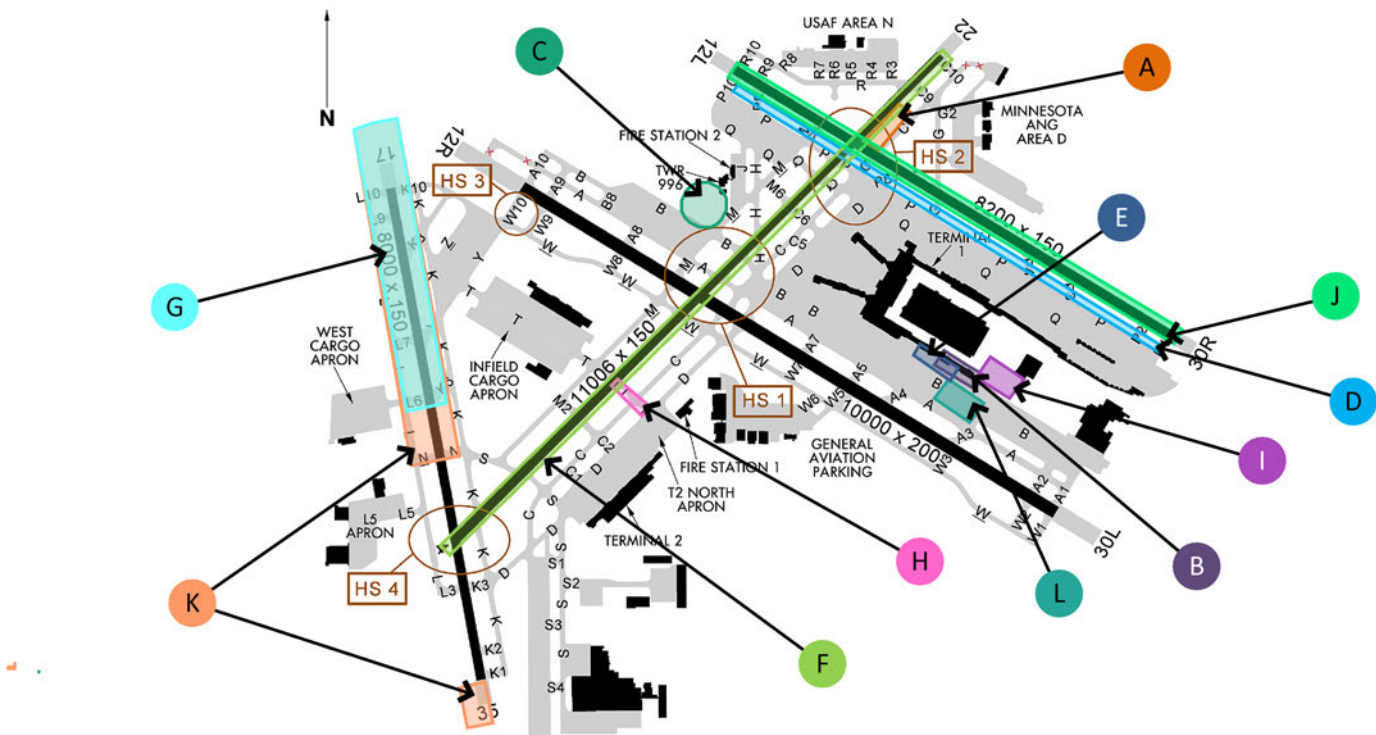
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A	Miscellaneous Airfield Construction	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																					
B	Concourse G Construction	G	G	G																																	
C	New ARFF Station				T	T	T	T	T	T	T	T	T	T	T	T																					

Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Miscellaneous Airfield Construction	05/01/2020 to 2022 TBD	In Progress	G	
B	Concourse G Construction	05/17/2021 to 12/24/2021	Complete	G	
C	New ARFF Station	2022 TBD	Upcoming	T	Dates are tentative. Airspace impacts are currently being analyzed by FAA LOBs. Expecting crane impacts.



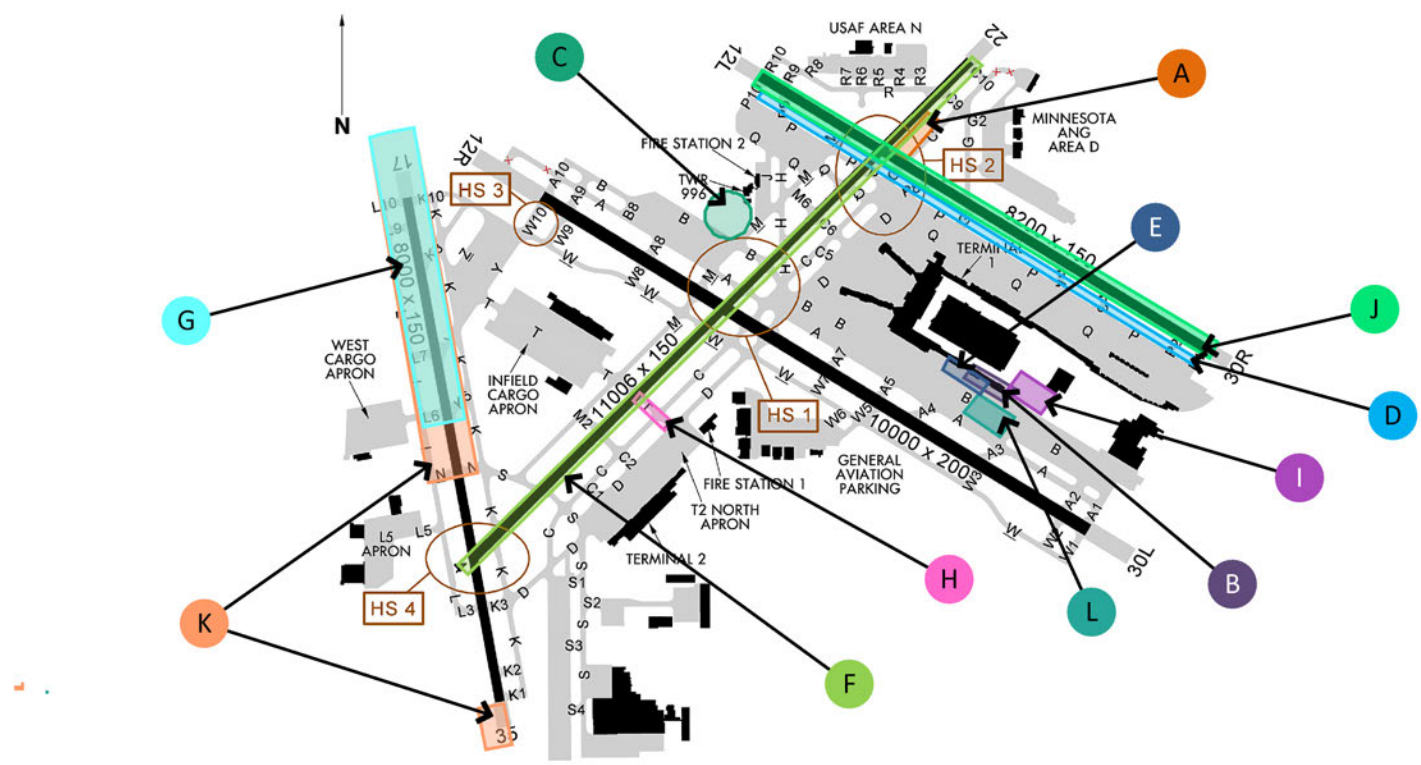
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D	TWY P Reconstruction Phases 1 & 2								T	T	T	T	T																									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWY P Reconstruction Phases 1 & 2	TWY P to be reconstructed in 2022. Will be two phases.	05/09/2022 to 06/30/2022	Upcoming	T	Impact levels TBD. It is unknown if or how often aircraft will require a full length runway departure. If they require it on a regular basis, these are the estimated rates: VMC AAR: 54; LVMC AAR: 40; IMC AAR: 40
		Taxiway P to be reconstructed in 2022.	07/05/2022 to 09/23/2022	Upcoming	T	Impact levels can't be determined yet. It is not known if and how often aircraft will require a full length runway departure. If they require it on a regular basis, these are the estimated rates: VMC AAR: 54; LVMC AAR: 40; IMC AAR: 40



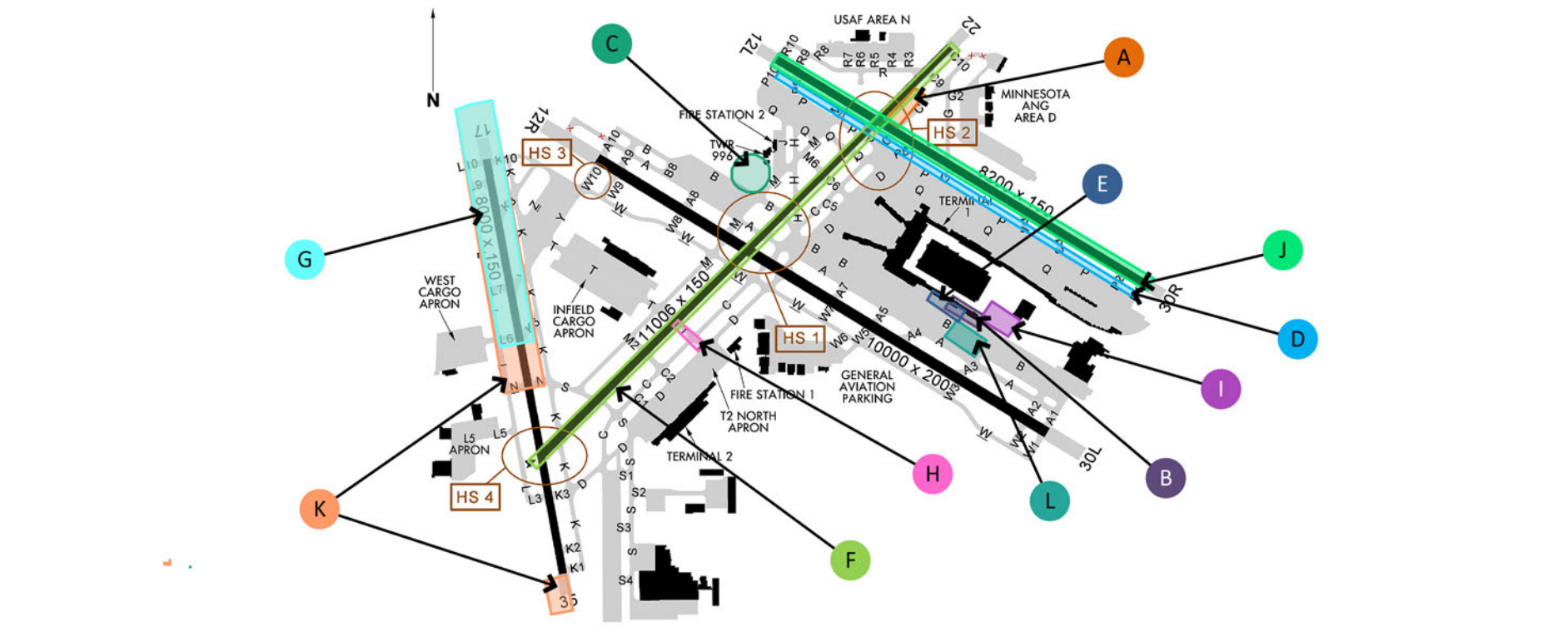
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E	Partial TWY B and Concourse G Apron Reconstruction				T	T	T	T	T	T	T	T	T	T	T	T																					
F	RWY 4/22 Shoulder Reconstruction				T	T	T	T	T	T	T	T	T	T	T	T																					
G	17/35 RSA Grading				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	Partial TWY B and Concourse G Apron Reconstruction	Taxiway B Reconstruction (Gates G12 – G15)	2022 TBD	Upcoming	T	
F	RWY 4/22 Shoulder Reconstruction	RWY 4/22 Shoulder Reconstruction project.	2022 TBD	Upcoming	T	
G	17/35 RSA Grading	Additional RSA Grading for RWY 17/35.	2022 TBD	Upcoming	Y	



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	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
H	TWY T Centerline lights				T	T	T	T	T	T	T	T	T	T	T	T																					
I	Terminal 1 Apron Pavement Reconstruction				T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	
J	RWY 12L/30R Lighting				T	T	T	T	T	T	T	T	T	T	T	T																					

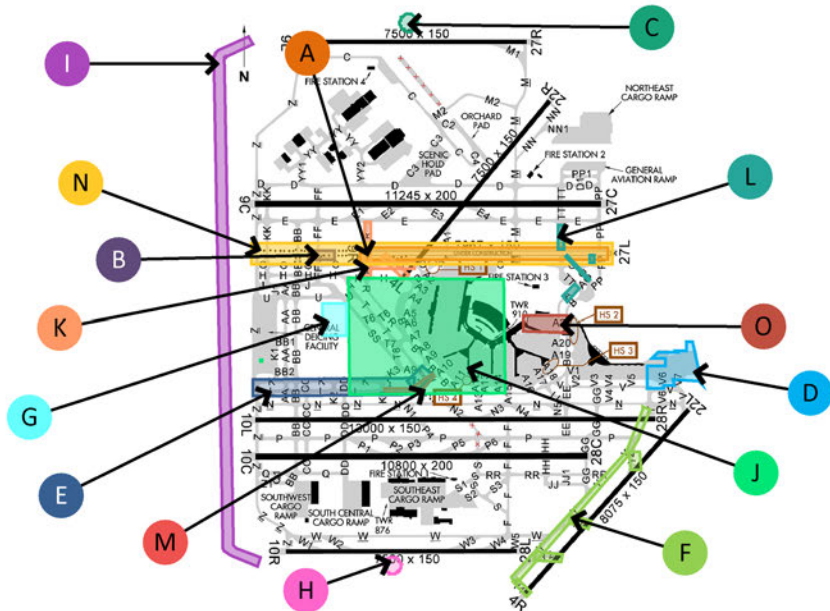
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	TWY T Centerline lights	TWY T centerline lights to be replaced in 2022.	2022	Upcoming	T	
I	Terminal 1 Apron Pavement Reconstruction	Terminal 1 apron will be reconstructed tentatively scheduled to begin in 2022.	2022 TBD to 2027 TBD	Upcoming	T	
J	RWY 12L/30R Lighting	Rehabilitate RWY 12L/30R lighting (will include some lighting on TWYs M, P and R)	2022 TBD	Upcoming	T	



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	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
K	RWY 17/35 Joint Sealing and RSA Work	Y																																			
L	TWY B	G																																			

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
K	RWY 17/35 Joint Sealing and RSA Work	Phase 1-Sealing from K10 to N and associated taxiway intersections.	08/22/2021 to 10/02/2021	Complete	G	Joint seal work completed overnight.
		Phase 2 - Grading and drainage improvements to Runway Safety Areas (RSAs)	09/07/2021 to 10/20/2021	Complete	Y	RSA work will close RWY 17/35 for approximately six weeks.
L	TWY B	TWY B reconstruction.	08/23/2021 to 10/30/2021	Complete	G	

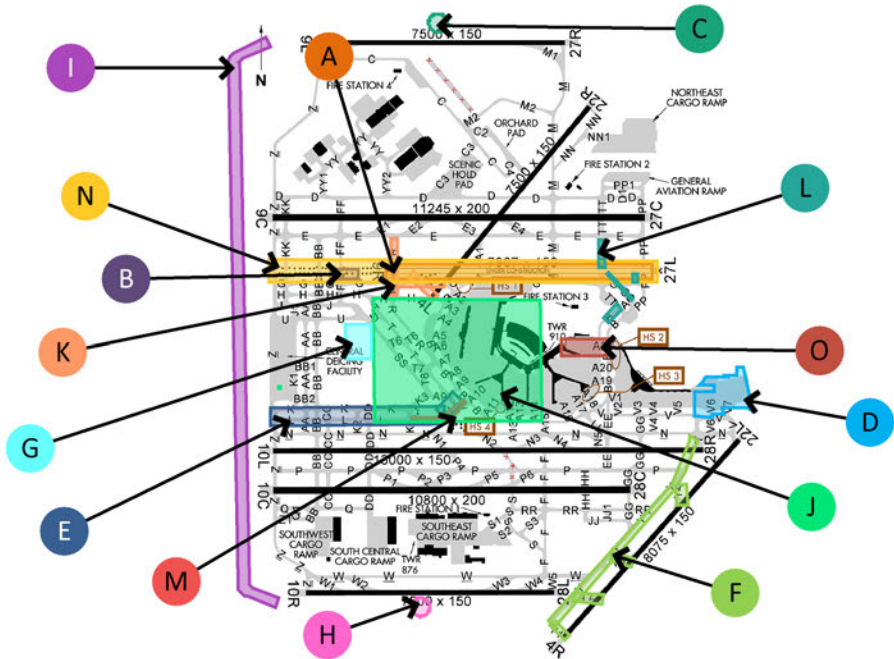
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A	RWY 9R/27L ALS	G	G	G	G	G	G	G	G	G	G																										
B	RWY 9R ILS	G	G	G	G	G	G	G	G	G	G																										
C	North ASDE	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G																					
D	Terminal 5 M Extension	G	G	G	G	G	G	G	G	G	G																										

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 9R/27L ALS	Approach Lighting System (ALS) decommissioned due to runway construction. Runway will be closed.	05/01/2017 to 07/14/2022	In Progress	G	Runway commissioned to the NAS on 12/2/2021. No arrivals on 9R until March 2022 (TBD)
B	RWY 9R ILS	Minimums increased on RWY 9R ILS. The runway will be closed.	05/01/2017 to 07/14/2022	In Progress	G	Runway commissioned to the NAS on 12/2/2021. No arrivals on RWY 9R until March 2022 (TBD)
C	North ASDE	Construction of a new North ASDE SMR (airport surface detection radar antenna) site.	06/18/2018 to 2022 TBD	In Progress	G	Construction delayed.
D	Terminal 5 M Extension	Demolition of existing airside and landside facilities. New airside apron and taxiway improvements.	January 2019 to July 2022	In Progress	G	No further closures expected in association with terminal extension.

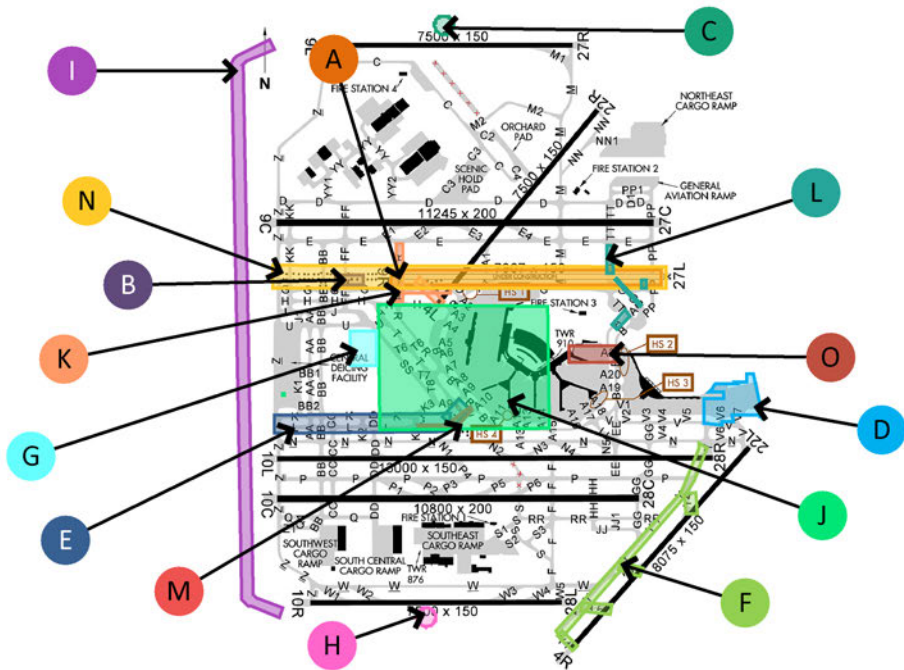
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E	Core TWY Reconstruction	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
F	TWY Y	G	G	G																																	
G	FAA Facilities Relocation				T	T	T	T	T	T	T	T	T	T	T	T																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	Core TWY Reconstruction	Reconstructing TWYs K & L into TWYs A & B.	Jul 2020 TBD to 2024 TBD	In Progress	G	Alternate taxi routes to be utilized during multi-phase construction plan.
F	TWY Y	TWY Y rehabilitation project.	August 2021 to 12/17/2021	Complete	G	Midnight work only.
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).	2022 TBD	Upcoming	T	Construction currently on hold.

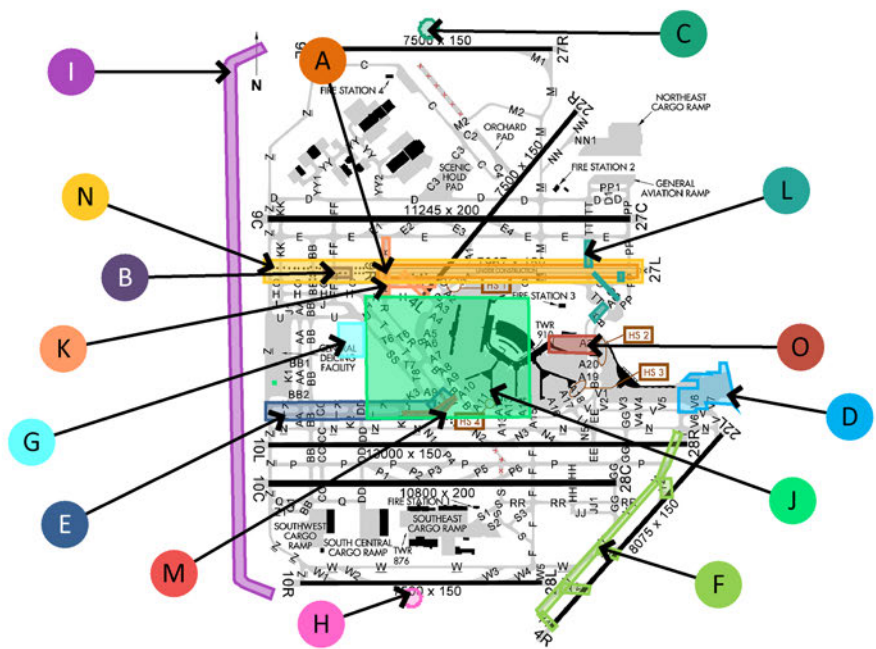
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H	South ASDE				T	T	T	T	T	T	T	T	T	T	T	T																					
I	Western toll-way bypass						T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T									
J	Terminal Area Plan (TAP)																T	T	T	T	T	T	T	T	T	T	T	T									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
H	South ASDE	Construction of a new South ASDE SMR (airport surface detection radar antenna) site.	2022 TBD	Upcoming	T	
I	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. Proposed roadway runs adjacent to the east of the York Road and UPRR corridor with an interchange connecting to Interstate 390 connecting to the west.	Mar 2022 TBD to 2023 TBD	Upcoming	T	Construction on the northern dogleg of the proposed bypass to begin in 2022. The section is only the northern dogleg section and points north of RWY 9L/27R. During construction, cranes will impact approach minimums by increasing decision height (DH).
J	Terminal Area Plan (TAP)	Terminal areas redevelopment and construction.	2023 TBD	Upcoming	T	Multi-year phased projects. Taxiway closures may change taxi routes and increase taxi in/out times during construction.

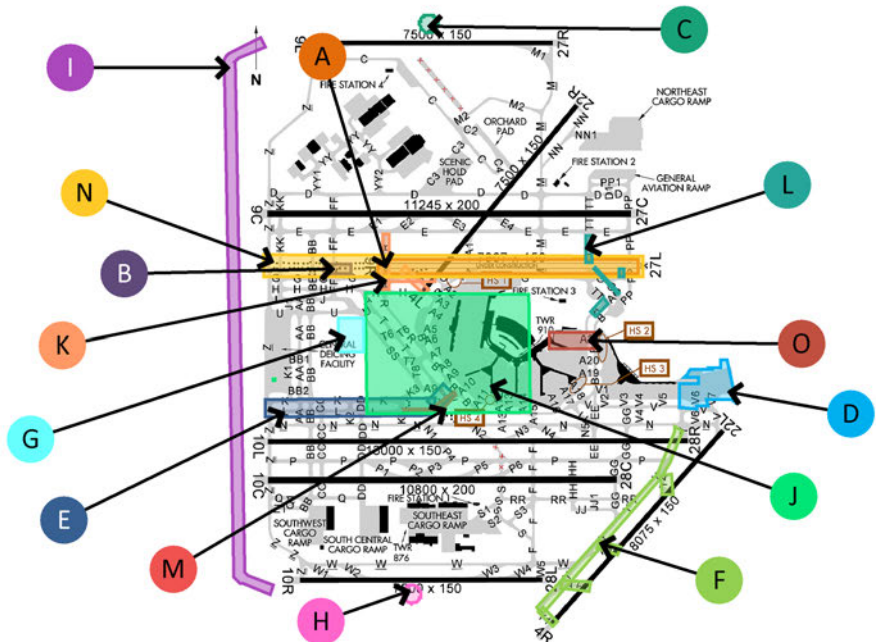
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K	TWYs R, G and G1	G	G	G																																	
L	TWYs A, G, & TT	T																																			
M	TWY L	T	T																																		

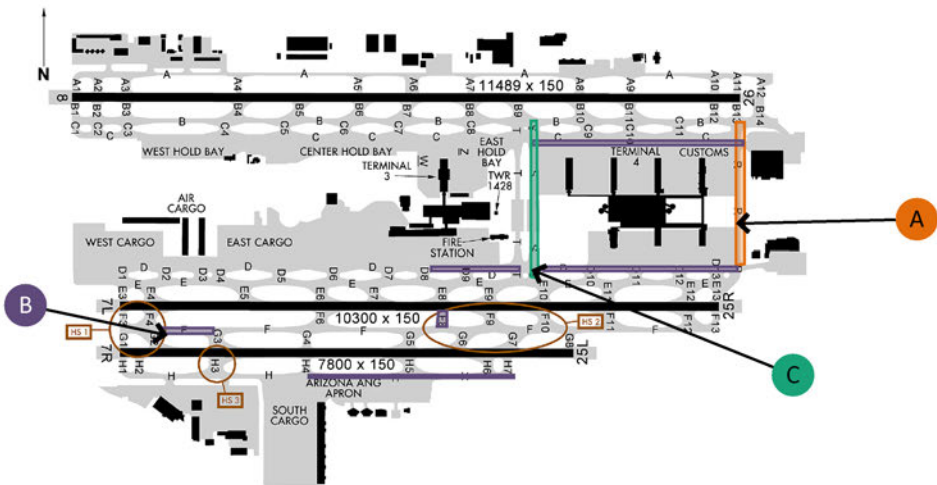
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
K	TWYs R, G and G1	TWY R north of TWY H, TWY G between RWY 4L/22R and TWYs R & G1 closed.	06/01/2020 to 12/02/2021	Complete	G	
L	TWYs A, G, & TT	TWY G2 closed. TWY A closed between TWY TT and TWY G2. TWY G closed between TWY TT and TWY PP.	08/12/2021 to 10/15/2021	Complete	T	
M	TWY L	TWY L closed between TWYs K3 & B.	08/17/2021 to 11/15/2021	Complete	T	

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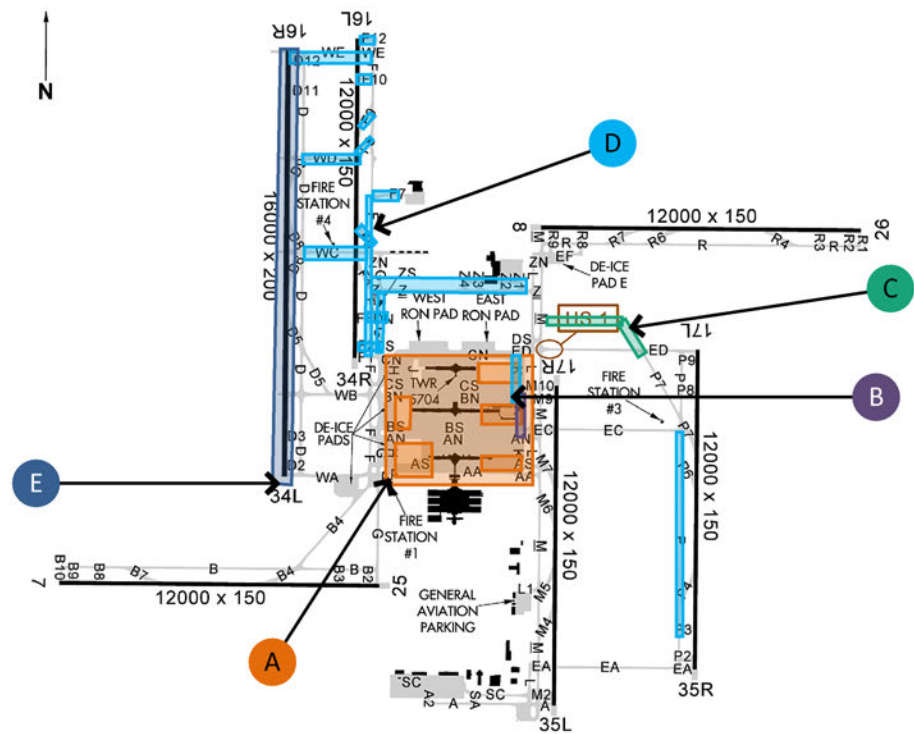
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N	RWY 9R/27L Extension	Y	Y	Y																																	
O	Lima Concourse	Y	Y	Y				G	G	G	G	G	G	G	G	G																					

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
N	RWY 9R/27L Extension	RWY 9R extended approximately 3,000 feet to the west. RWY 27L shortened approximately 300 feet to the west.	02/01/2021 to 12/01/2021	Complete	Y	Commissioning to the NAS on 12/2/21.
O	Lima Concourse	Addition of TWY A22 to support new Lima Concourse expansion.	Fall 2021 to 12/01/2021	Complete	Y	TWY A22 completed 12/1/2021, cause of operational impacts. Terminal construction completion TBD.
		AAL Lima Concourse expansion.	Spring 2022 to 2022 TBD	Upcoming	G	Construction of additional "Lima" gates.



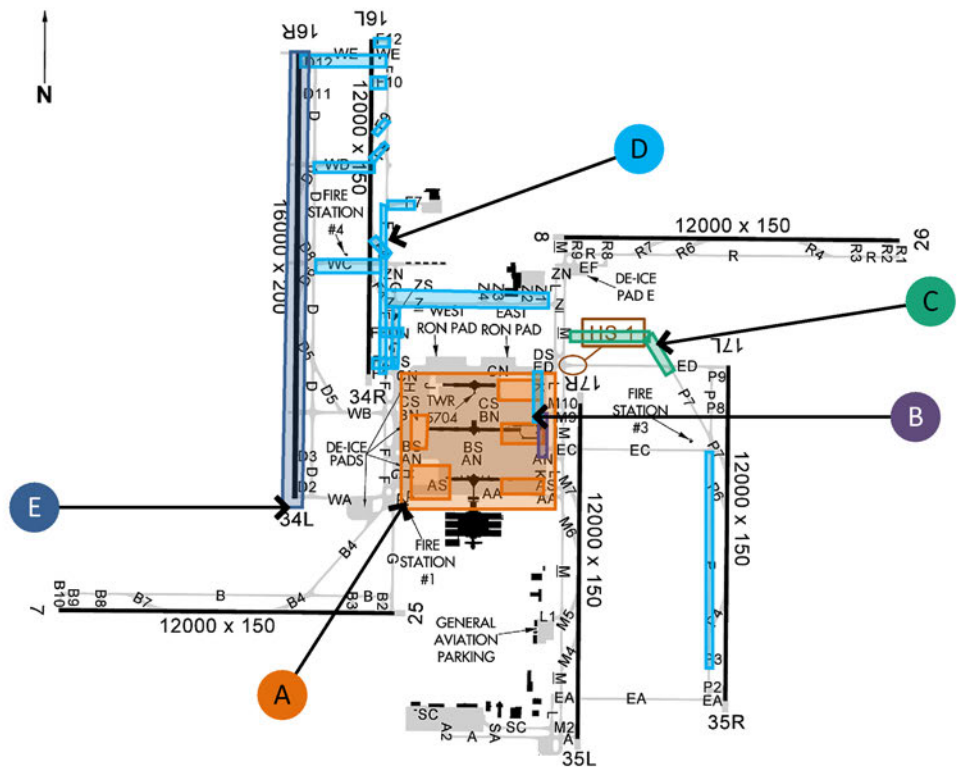
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A	Terminal 4 Construction	G	G	G																																	
B	TWYs C, D, F, F8 and H Restricted	G	G	G	G																																
C	TWY S1 Closure	G	G	G																																	

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminal 4 Construction	Construction continues, but the daytime restriction to aircraft movement is complete. This is in support of the SWA Hangar expansion.	08/29/2019 to 12/31/2021	In Progress	G	The ramp reconstruction area is complete. However, some trench drains in the area are being replaced and this work will be completed in the next 4-6 weeks. Some nightly Romeo closures for hauling.
B	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 170 feet. 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. TWY F8 closed to aircraft exiting RWY 07L/25R.	01/01/2021 to 01/01/2022	In Progress	G	
C	TWY S1 Closure	TWY Sierra will be closed for approximately 8 weeks. Nightly closure of TWY Delta between TWYs Tango and D10. (Dates are estimates. Not scheduled)	09/17/2021 to 12/10/2021	Complete	G	Increased taxi times between N and S complex. No throughput impact.



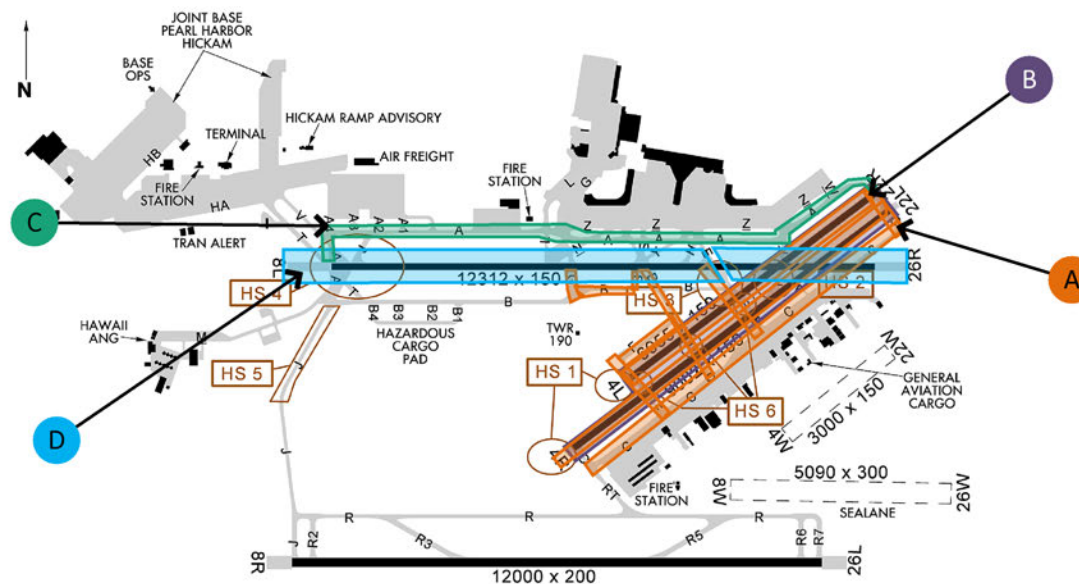
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A	Terminals A, B, & C	G	G	G	G	G																															
B	TWY K Restricted	G	G	G	G	G	G																														
C	TWY EE				G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Terminals A, B, & C	Ramp and Apron Construction for Terminals A, B, and C expansion and redevelopment: Concourse A - 12 new gates Concourse B - 11 new gates Concourse C - 16 new gates	05/10/2018 to Q1 2022	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 K Restricted	TWY K closed between TWYs BN & BS to aircraft with wingspans greater than 79 feet.	06/24/2020 to 03/31/2022	In Progress	G	
C	TWY EE	Construction of new TWY EE. This taxiway will extend from TWY M to an extended TWY P7.	01/03/2022 TBD to 2023 TBD	Upcoming	G	

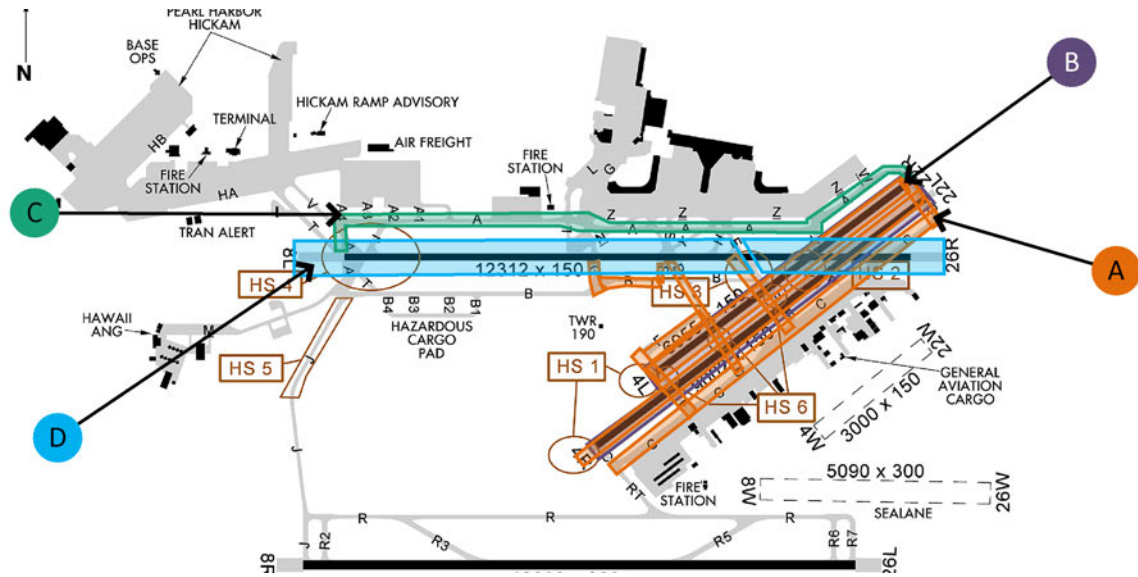


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D	Multiple TWYs	G																																			
E	RWY 16R/34L Rehab										Y	Y	Y																								

Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	Multiple phased taxiway closures. TWY F, TWY WC, TWY WD, TWY K, TWY Z, TWY G, TWY P3.	06/01/2021 to 10/04/2021	Complete	G	
E	Rehabilitation of RWY 16R/34L planned for Summer 2022.	Summer 2022 TBD	Upcoming	Y	Rates may be reduced due to runway closure. May go from a 3-runway rate to a 2-runway rate.

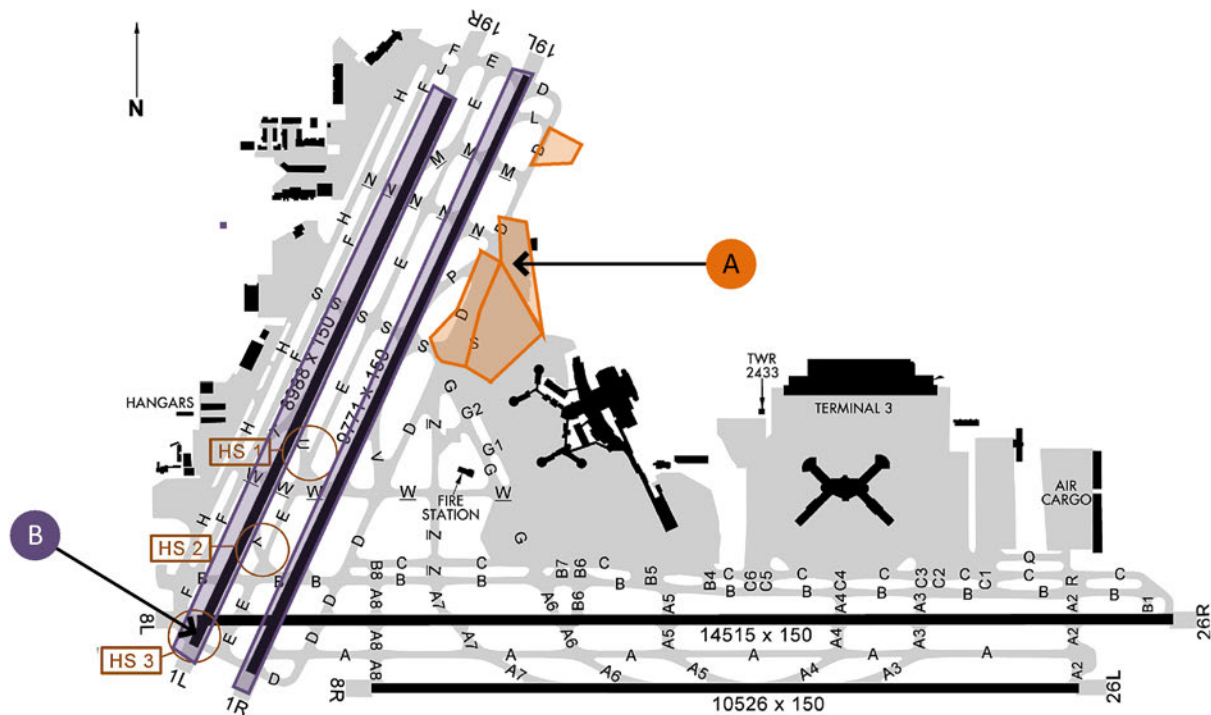
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	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY/RWY Rehab	Rehabilitate and correct RWY and TWY shoulders per Part 139 inspection. Tentative start February 2022.	Q1 2022 to 01/02/2024	Upcoming	Y	Cannot start till RWY 8L Phase 2 complete. Most of work occurs near RWYs 4L/22R & 4R/22L.
B	RWYs 4L/22R & 4R/22L Lighting	Install Runway Guard Lights (RGL) for Runway Incursion Mitigation program (RIM).	2022 TBD	Upcoming	T	Awaiting completion of RWY 8L widening Phase 1 to start project.
C	TWY A Realignment	TWY A realignment. Estimated start of construction is February 2023.	February 2023 to July 2027	Upcoming	T	Taxiway reconfigurations based on HNL geometry study completed May 2018.



		2021			2022												2023												2024									
	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
D	RWY 8L/26R - Phases 1 & 2												Y	Y	Y	Y	Y																					

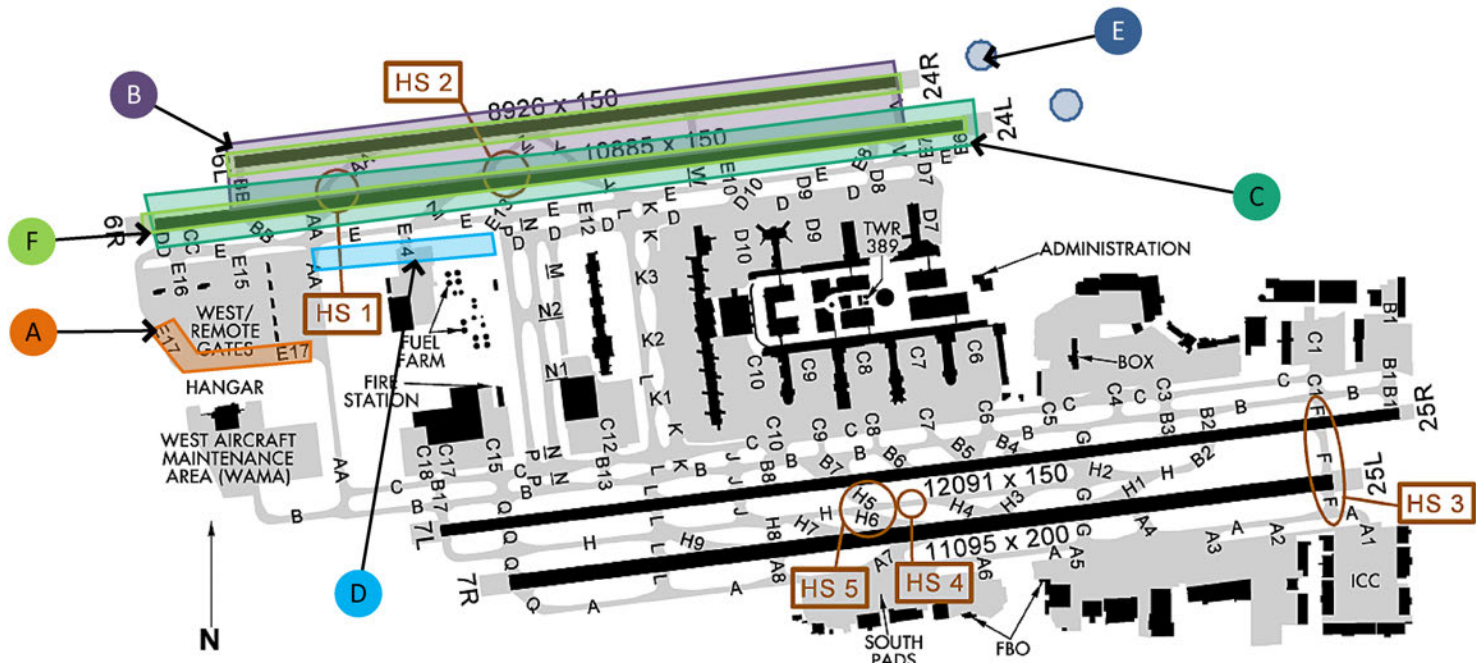
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	RWY 8L/26R - Phases 1 & 2	<p>RWY 8L/26R will be widened from 150 to 200 feet.</p> <p>Phase 1 will shorten RWY 26R by 3200' for east-end work, with 9,100 feet remaining.</p> <p>Phase 1 (East phase) will lasts 79 days.</p>	Sep 2022 TBD to Jan 2023 TBD	Upcoming	Y	<p>Dates are estimates.</p> <p>Nine (9) Stage project. West and center stages RWY 8L requires full closures resulting in lower AARs. TMs will be in place for arrivals during peak periods (0900-1500 HST), miles-in-trail (MIT), and/or call for release may be implemented.</p> <p>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.</p>
		<p>Phase 2 (center and west-end phase) will lasts 427 days with a full runway closure.</p> <p>Phase 2 (stages 3-9) of 8L/26R should by 2023. Design is being finalized. Stages 3-9 = full closures.</p>	Sep 2022 TBD to January 2023	Upcoming	Y	<p>Dates are estimates.</p> <p>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.</p> <p>Expect airborne and departure delays.</p>



		2021			2022												2023												2024								
	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
A	Holding Pad 8, North Tear Drop Apron & Gate 38	G	G	G	G	G																															
B	RWYs 1L/19R & 1R/19L rehab															T	T	T																			

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Holding Pad 8, North Tear Drop Apron & Gate 38	Reconstruction of Holding Pad 8, North Tear Drop Apron and Gate 38.	April 2021 to 02/28/2022	In Progress	G	
B	RWYs 1L/19R & 1R/19L rehab	Runway rehabilitation projects planned for associated runway closures.	Q1 2023 TBD	Upcoming	T	Project dates are estimated. Order of runways to be rehabilitated TBD. The current draft Construction Phasing Plan shows an overall duration of 332 calendar days for the entire project, which affects both runways. RWY 1L/19R is expected to be affected before RWY 1R/19L, and closed for approximately 45 days. Dates for the runway closures are TBD.

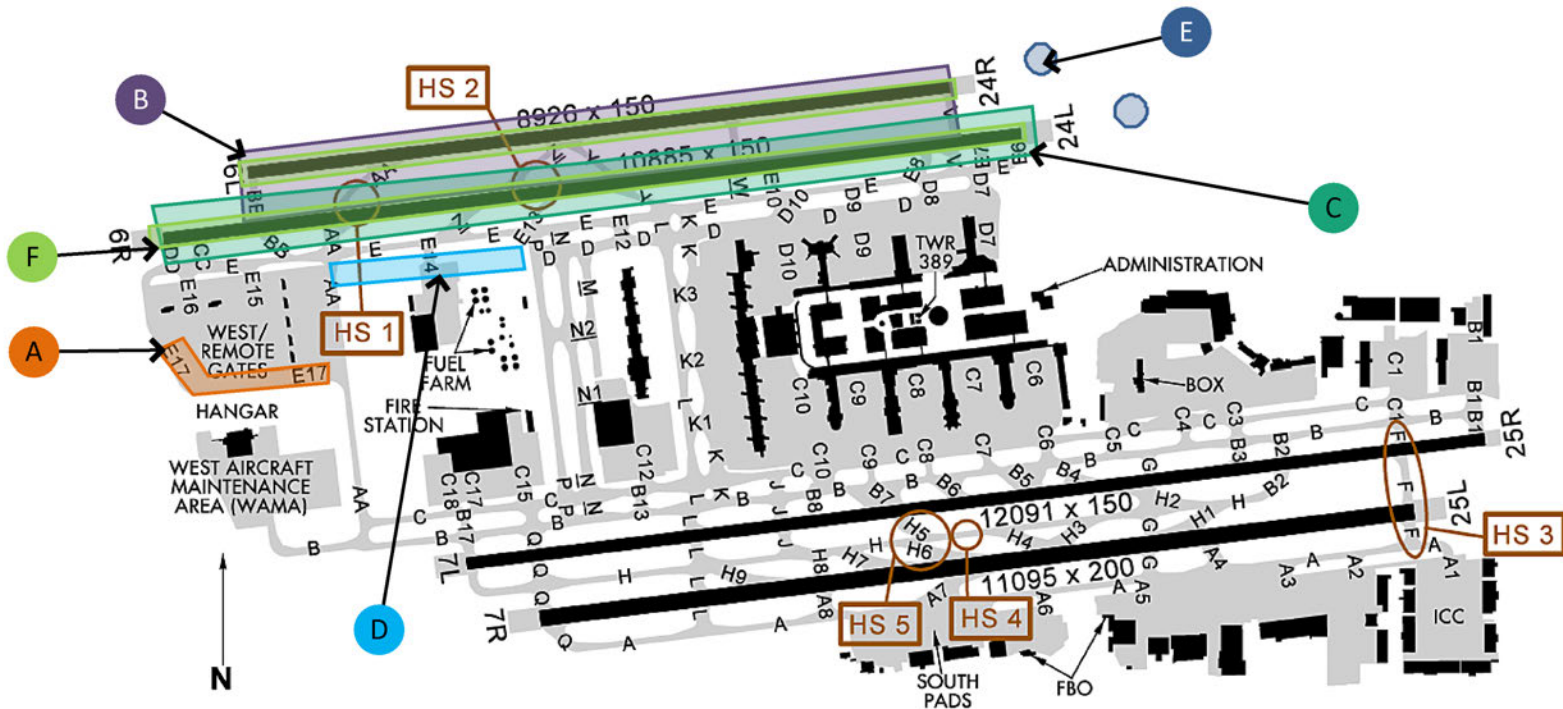
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A	TWY E17	G	G	G	G	G																															
B	RWY 6L/24R Exit TWYs				T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T
C	RWY 6R/24L Rehab & Exit TWYs																												T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	TWY E17	TWY E17 closed between TWYs AA & E16 to aircraft with wingspans greater than 214 feet.	06/24/2021 to 02/05/2022	In Progress	G	Project end date is tentative.
B	RWY 6L/24R Exit TWYs	RWY 6L/24R closure to support taxiway construction.	2022 TBD to 2024 TBD	Upcoming	T	Mobilization for North Exit Taxiways planned for November 22nd, with construction start January 2023, which closes RWY 24R.
C	RWY 6R/24L Rehab & Exit TWYs	RWY 6R/24L closure to support taxiway construction, and the rehabilitation of RWY 6R/24L.	2024 TBD to 2026 TBD	Upcoming	T	Mobilization for North Exit taxiways planned for 2024, which closes RWY 24R.

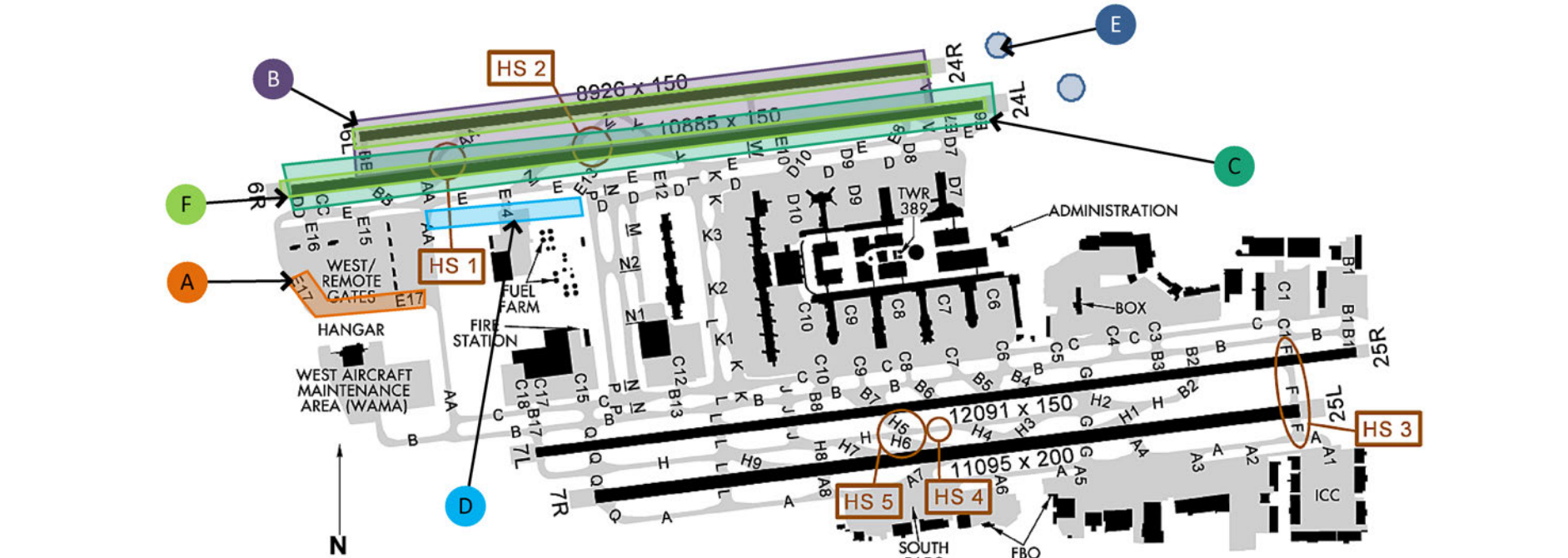
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D	TWY D Extension & TWYs									G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G										

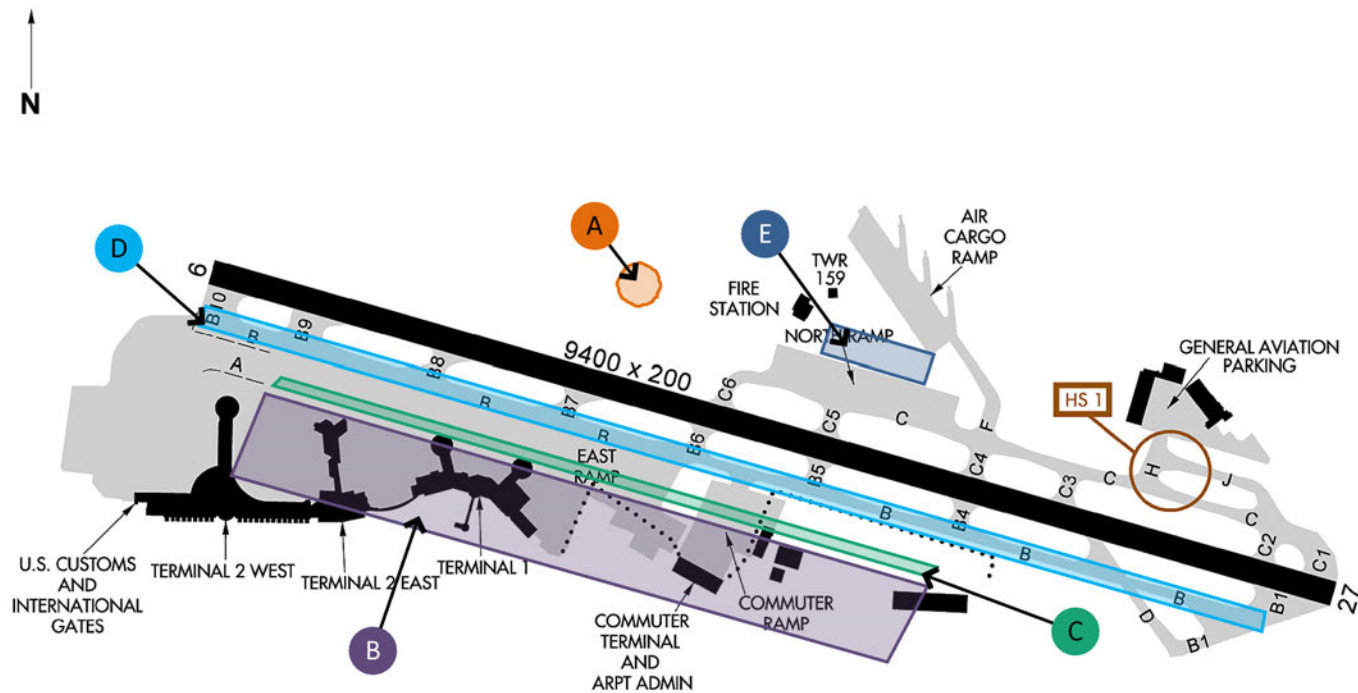
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWY D Extension & TWYs	TWY D extension (new construction) from TWY C14 (TWY P) to TWY AA. Includes associated taxiway tie-ins to TWY D.	Q3 2022 TBD to 2023 TBD	Upcoming	G	Capacity reduced with limited impact. Longer taxi route expected for aircraft landing and parking on north complex. Additional TWY D construction west from TWY AA to TWY E17 will provide a second full taxiway for RWY 6R/24L. Requires separate closures to TWYs AA & P for TWY D tie-in construction. Mobilization Aug. 2022, construction to start Nov. 2022.

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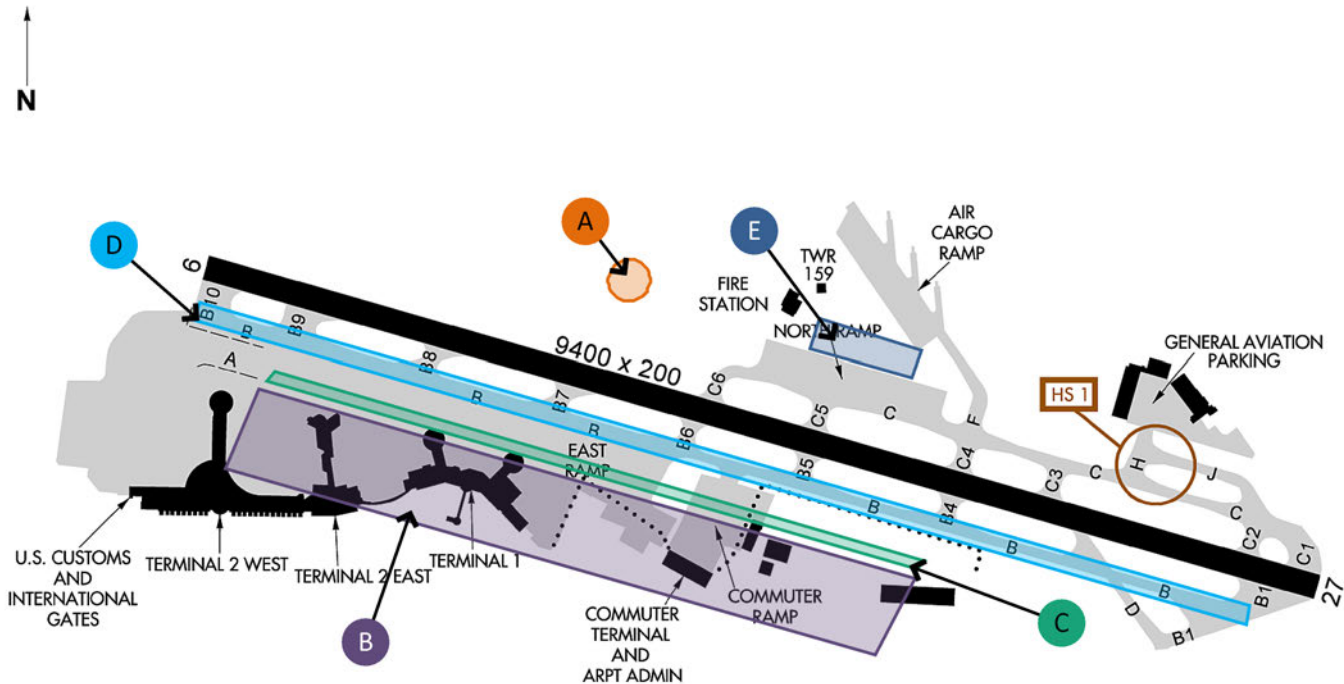
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E	RWYs 24R & 24L ILS	Y																																				
F	Receiving Station X	G																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	RWYs 24R & 24L ILS	Receiving Station X (RS-X) power pathway construction, impact to RWY 6L/24R or 6R/24L (at different times)	07/19/2021 to 10/22/2021	Complete	Y	RS-X project will be trenching and placing new manholes in the RWY 24L and RWY 24R ILS critical areas. During this construction, ILS services will be unavailable.
F	Receiving Station X	RS-X project will be trenching and placing new manholes in the RWY 24L and RWY 24R ILS critical areas. During this construction, ILS services will be unavailable.	07/19/2021 to 10/22/2021	Complete	G	Expect no impact unless weather is below RNAV minimums.



		2021			2022												2023												2024									
	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
A	Fuel Storage Tanks	G	G	G	G	G	G	G	G																													
B	Terminal Replacement					G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
C	Hydrant Fuel Lines						G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

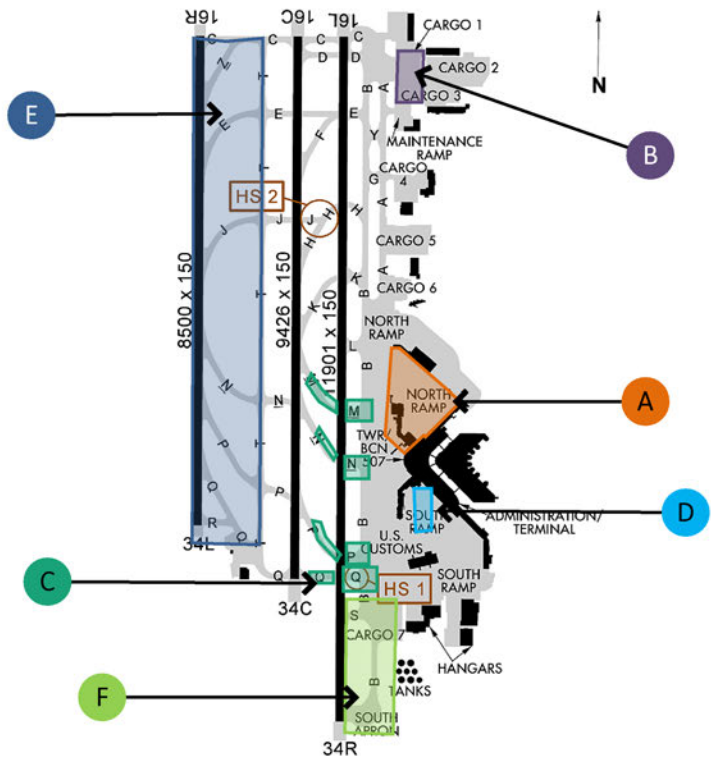
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	Fuel Storage Tanks	Three new fuel storage tanks to be installed west of the ATCT.	06/23/2020 to 04/01/2022	In Progress	G	Construction expected to last 18 months, three new tanks to be installed. Upon project completion, the two existing tanks will be taken out of service for 12 months to perform maintenance.
B	Terminal Replacement	Airport will replace passenger terminals.	02/01/2022 to October 2027	Upcoming	G	Gates will be added before legacy gates are demolished. Phase 1A consists of 19 new gates. Gates 1–2 will be nonoperational during construction.
C	Hydrant Fuel Lines	Installation of new hydrant fuel lines to New Terminal 1 and continuing to Terminal 2 West end.	March 2022 to September 2027	Upcoming	G	Two to three gates unavailable during project as in-ground fuel lines are installed.



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	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
D	TWY B Realignment												G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G				
E	New Cargo Facility																											T	T	T	T	T	T	T	T	T	T

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWY B Realignment	TWY B realignment south to allow for required runway separation as well as some geometry changes	09/01/2022 to 06/01/2024	Upcoming	G	ILS communication fiber lines will be impacted, a reroute is in design.
E	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 preliminary planning phase, but should not pose any ATC issues.	Q1 2024 to 12/01/2025	Upcoming	T	SDIA is determining if they will be able to continue with the new proposal site as planned. Pending feedback from RFI/RFP in early 2022.

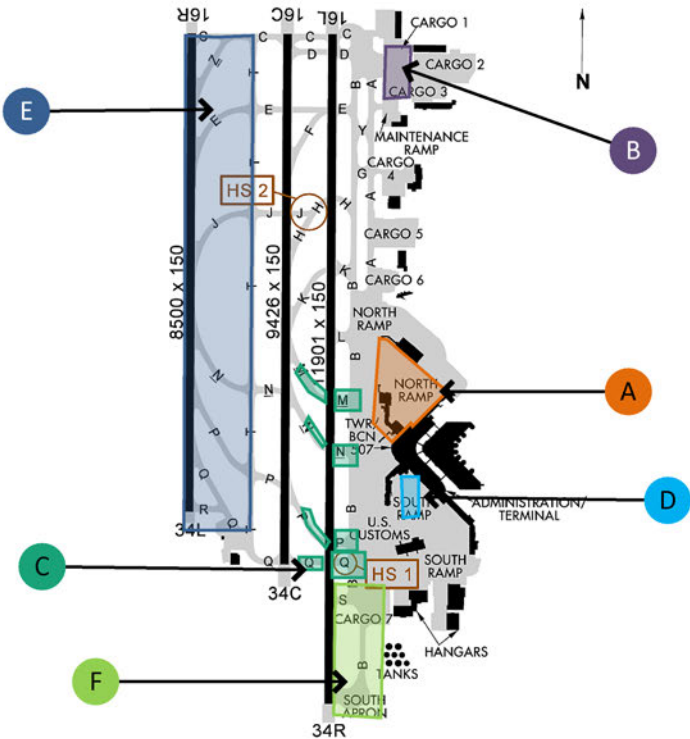
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A	North Ramp Rehabilitation				G	G	G	G	G	G	G	G	G	G	G	G																					
B	Cargo 2				G	G	G	G	G	G	G	G	G	G	G	G																					
C	TWYs Joint Seal Replacement								G	G	G	G	G																								

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	North Ramp Rehabilitation	Concourse C, D, and North-ramp rehabilitation.	2022 TBD	Upcoming	G	Possible limitations on aircraft ground movement.
B	Cargo 2	Replace 4,200 SY of PCCP apron at Cargo 2 including associated drainage and incidental ACP.	2022 TBD	Upcoming	G	
C	TWYs Joint Seal Replacement	Joint seal replacement for TWYs M, N, P and Q.	May 2022 to September 2022	Upcoming	G	

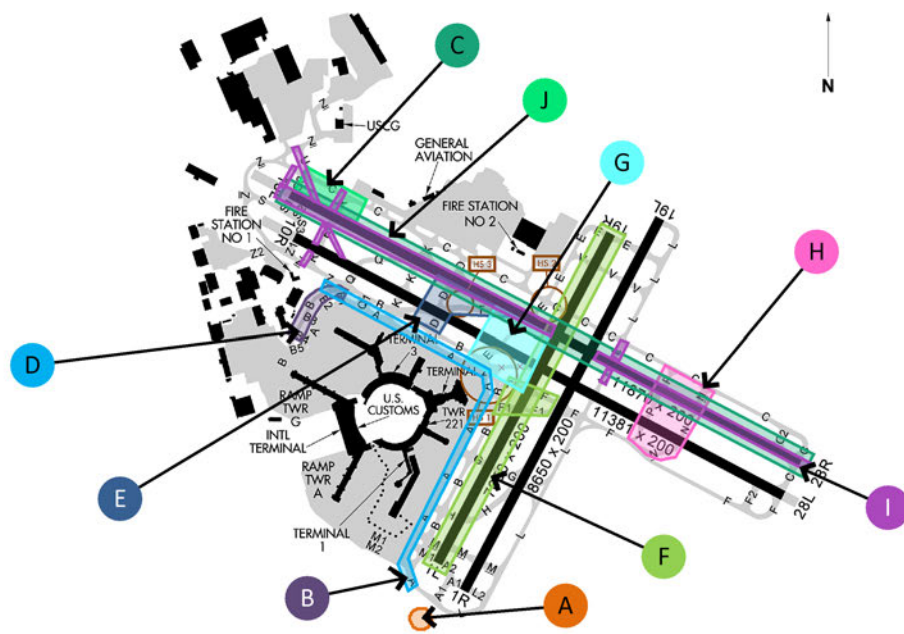
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	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
D	South Ramp																T	T	T	T	T	T	T	T	T	T	T										
E	RWY 16R/34L & TWYs																												T	T	T	T	T	T	T	T	T
F	TWYs A/B Extension																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
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.

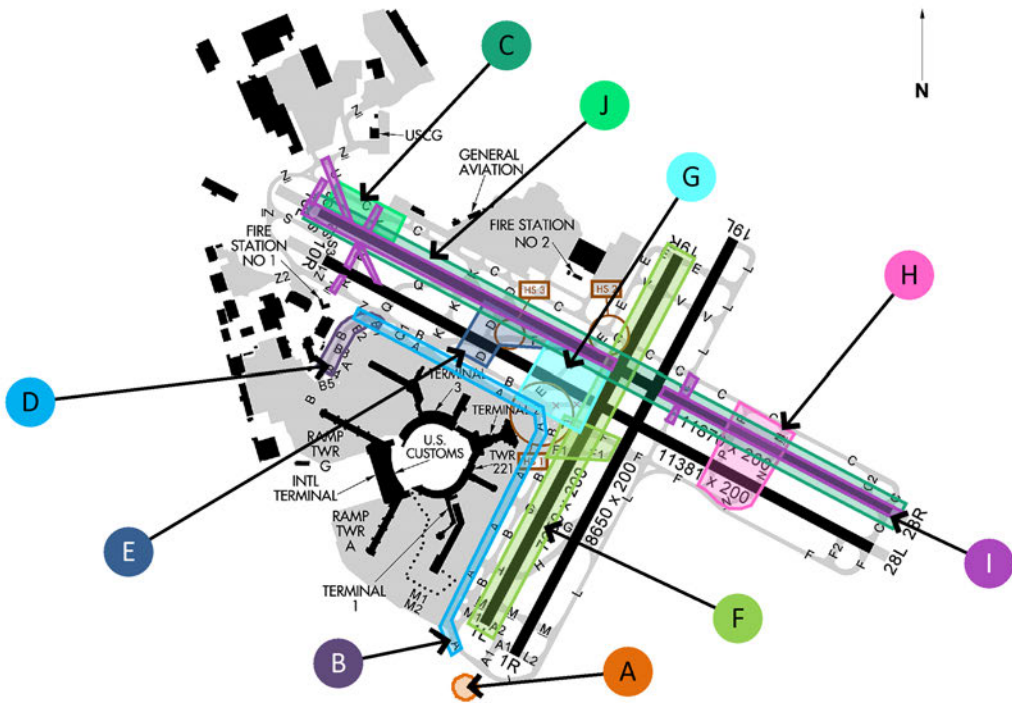
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A	RWY 1/19 Crane ops	T	T	T																																	
B	TWYs B1-B4						T	T	T	T	T	T	T																								
C	RWY 10L/28R Lighting																T	T	T	T	T	T	T	T	T	T	T	T									

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 1/19 Crane ops	Construction cranes are operating at the Milbrae BART station approximately .40 NM south of RWY 1R. There are two cranes that have different effects on the airspace concerning certain runway operation. One crane affects departures and missed approaches of RWY 19. The other crane affects arrivals to RWY 1.	03/08/2021 to 12/31/2021	In Progress	T	Coordination with the crane operators require them to notify the SFO Tower when the cranes are raised and lowered. SFO Tower notifies the crane operators when they anticipate use of these runways to lower the crane. The cranes can be lowered in approximately 1 hour. SFO tower is proactive and instructs the crane operator to lower the crane well in advance of those operations.
B	TWYs B1-B4	TWYs B1 to B4 closed for rehabilitation.	03/01/2022 to 09/01/2022	Upcoming	T	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	

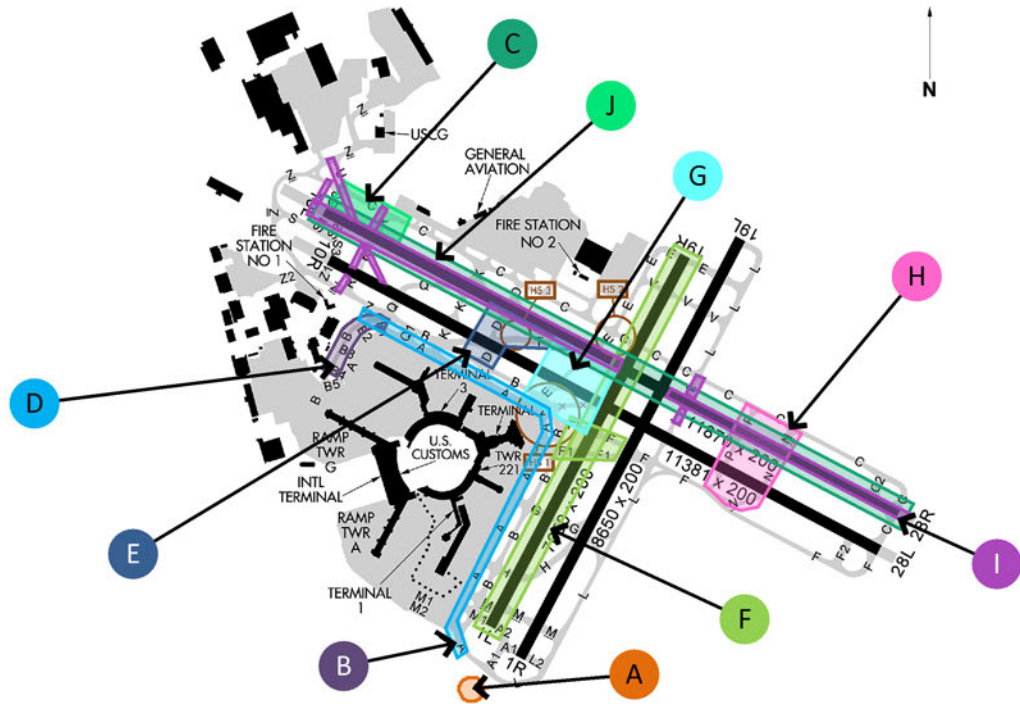
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	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
D	TWY A							G	G	G	G	G	G	G	G																						
E	TWYs D & T							T	T	T																											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	TWY A	TWY A reconstruction.	04/01/2022 to 11/30/2022	Upcoming	G	Determination to proceed is still unknown. Subject to AIP grant availability.
E	TWYs D & T	TWYs D/T closed for realignment, runway incursion mitigation (RIM) program.	Apr 2022 TBD to June 2022	Upcoming	T	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.

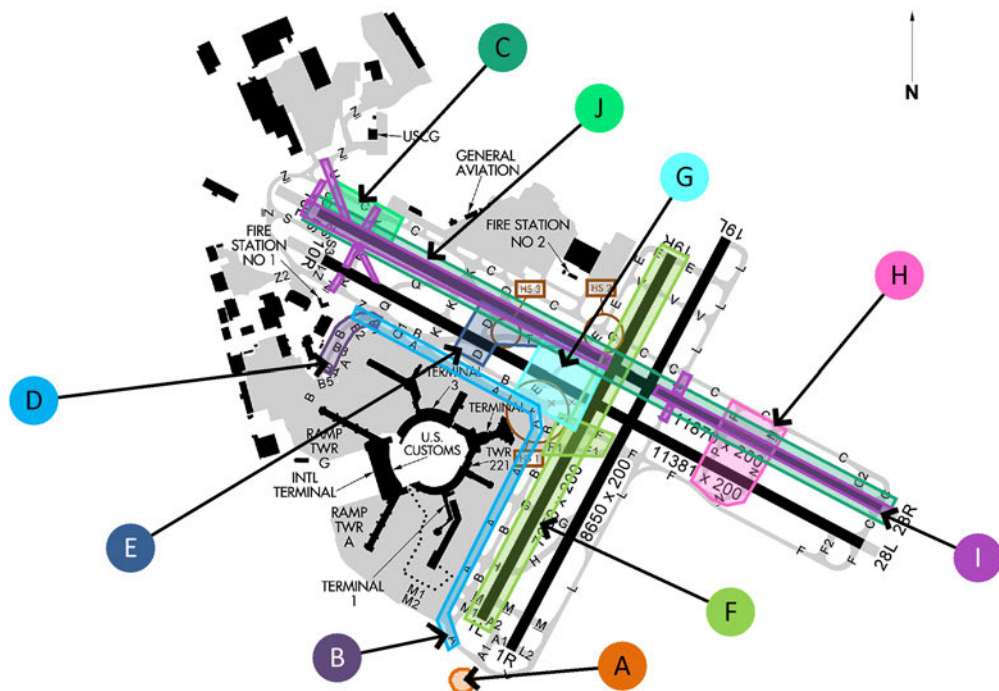
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F	RWY 1L/19R, TWYs F & F1																				T	T	T	T	T	T	T	T											
G	TWYs E & J																									T	T	T											
H	TWYs F, N, & P																																				T	T	T

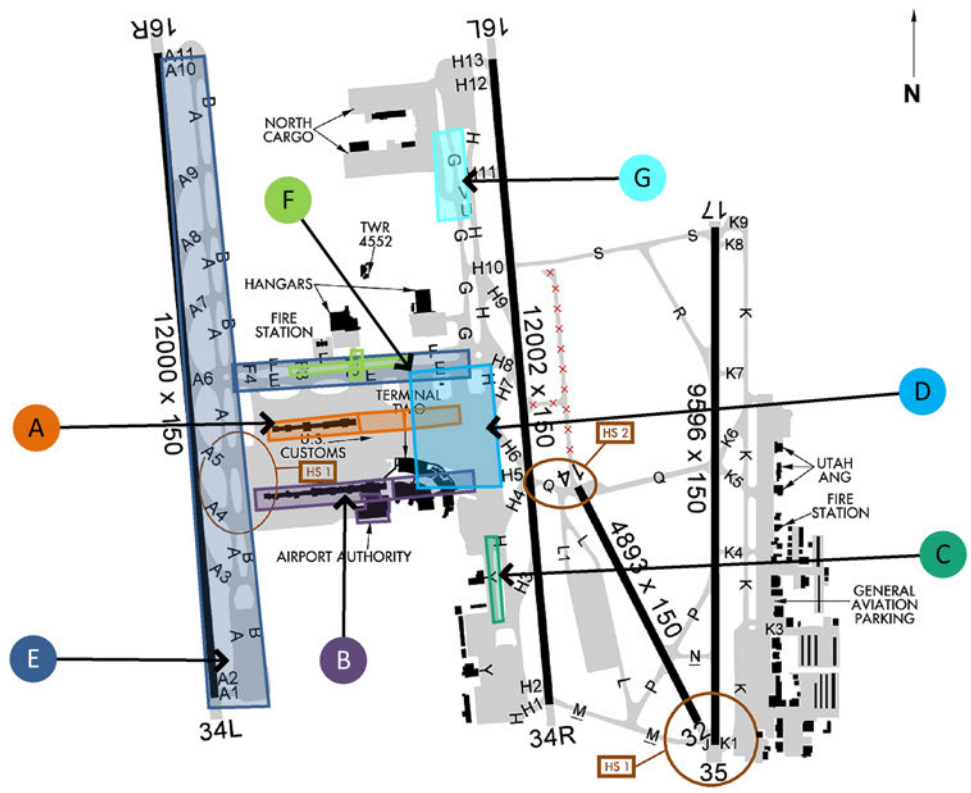
	Project	Description of Work	Estimated Dates	Status	Impact	Notes
F	RWY 1L/19R, TWYs F & F1	RWY 1L/19R closed for rehabilitation/realignment of non-standard taxiway geometry. TWY F1 will be renamed to TWY W.	Spring 2023 to Fall 2023	Upcoming	T	Repaving runway and realigning taxiways in order to rectify deficiencies. Impact will be closure of RWYs 1L & 1R when the new taxiways are constructed to tie-in the runways. Anticipate construction start in Spring 2023 and lasting until Aug 2023 or Sep 2023.
G	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.
H	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. Future project, exact dates unknown.

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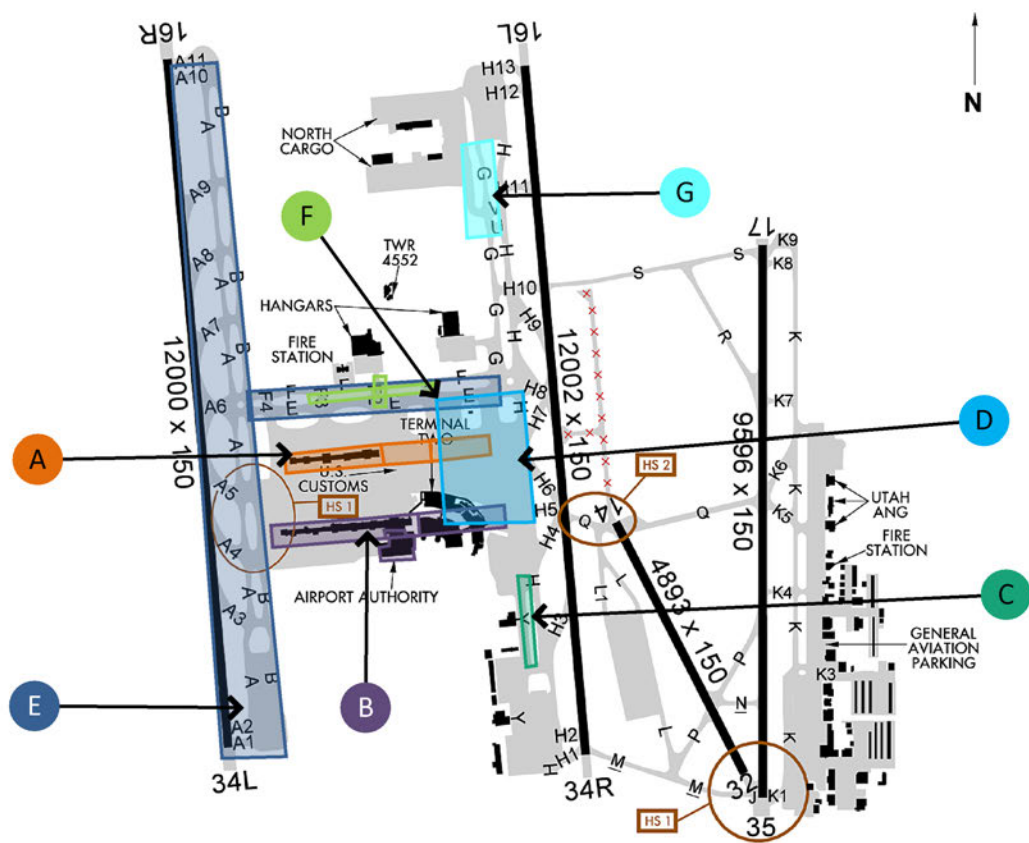
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I	RWY 10L/28R Rehab - Phase 2	R																																			
J	TWY C3 & R	G	G																																		

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
I	RWY 10L/28R Rehab - Phase 2	RWY 10L/28R Phase 2 will rehabilitate the remainder of the RWY not performed during Phase 1. RWY 28L closure. TWY U will be demolished and new TWY R will be constructed.	04/26/2021 to 10/16/2021	Complete	R	
J	TWY C3 & R	TWYs C3 & R closed for realignment/reconstruction.	08/19/2021 to 11/01/2021	Complete	G	Project may be combined with RWY 10L/28R project. Exact dates unknown.



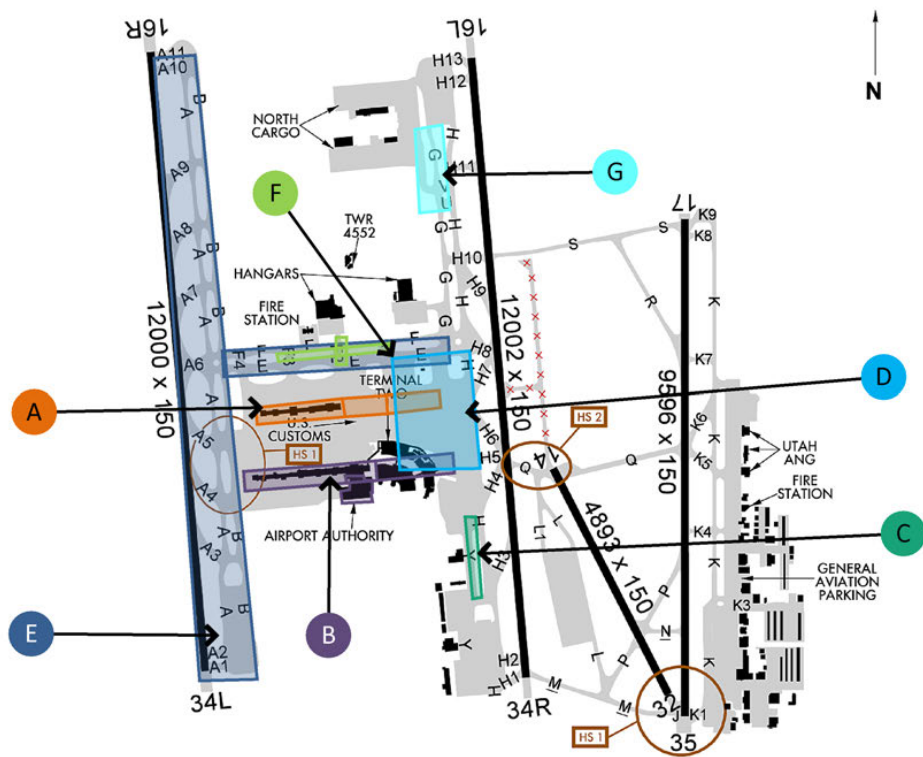
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A	North Terminal	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
B	South Terminal	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	North Terminal	North terminal concourse and apron redevelopment. First phase: 20 gates Second phase: 11 gates	June 2017 to 2024 TBD	In Progress	G	Terminal redevelopment program. New concourses will accommodate larger planes. First phase (West side) done. Second phase to open in 2023/24.
B	South Terminal	South terminal concourse and apron redevelopment. 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 from three (3) to six (6). 78 gates will have jet bridges. First phase (West) opening fall 2020. Second phase (East) opening 2024.



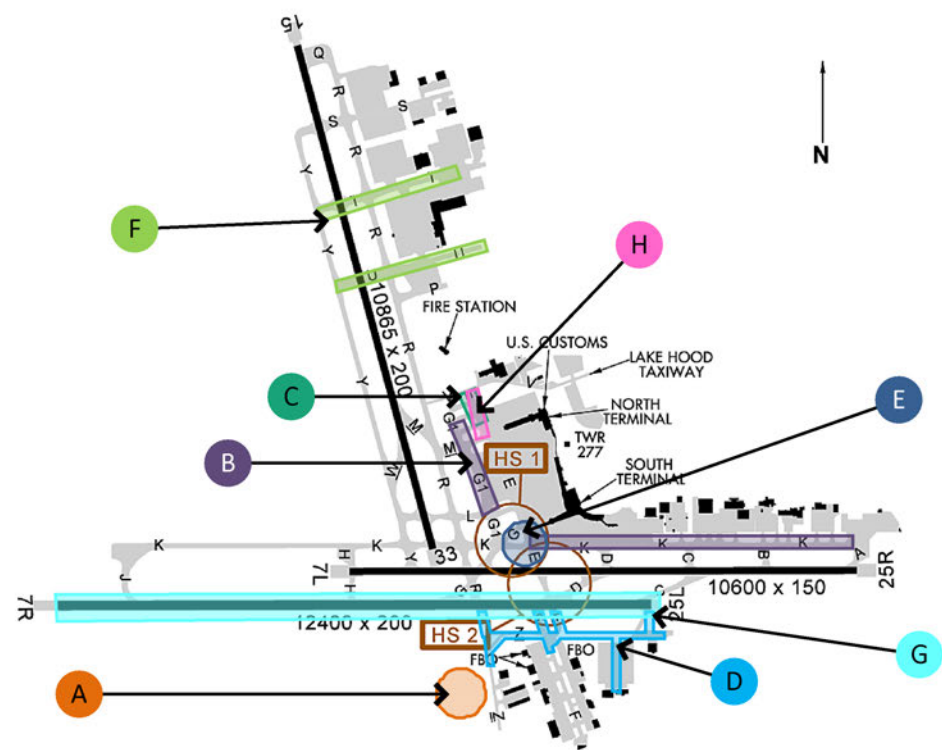
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C	TWY Y	Y	Y	Y	Y	Y																																
D	TWYs G & H / Terminal Area Project	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
C	TWY Y	TWY Y closed between TWYs H & H3.	11/04/2020 to 02/25/2022	In Progress	Y	Possible delays during de-ice procedures based on flow and runway use.
D	TWYs G & H / Terminal Area Project	There will be some work done on TWYs G & H to reconstruct some pavement and lighting to tie into the new terminal apron area.	April 2021 to 2024 TBD	In Progress	G	TWYs G & H work may be done by end of 2021. The apron pavement work will continue through 2024.



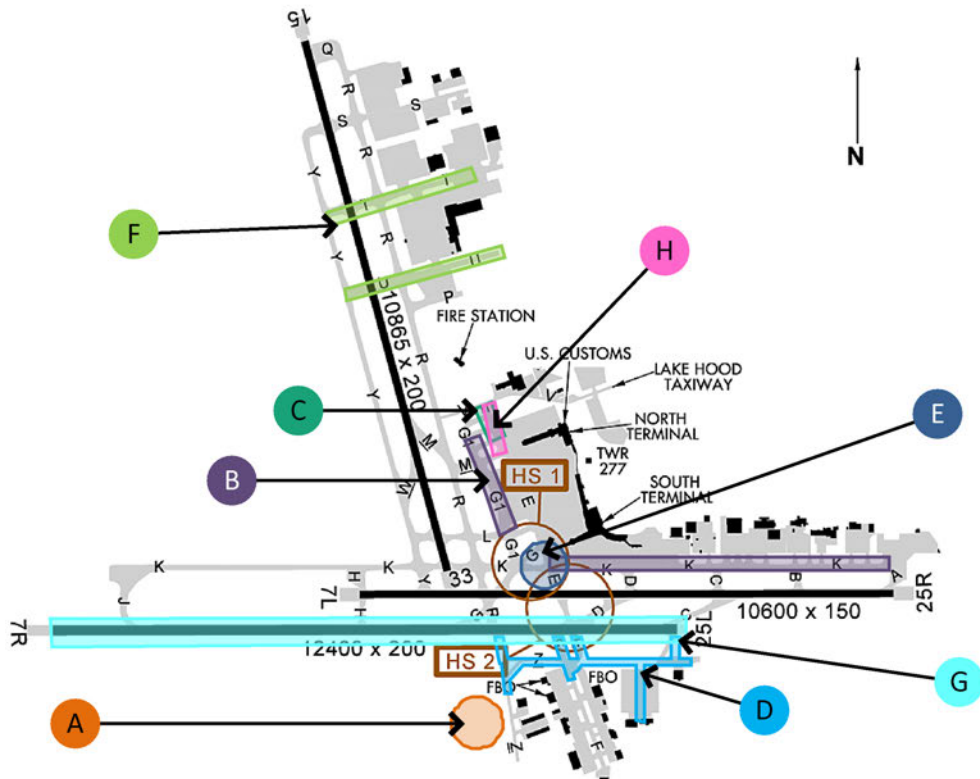
		2021			2022												2023												2024								
	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
E	Multiple TWYs rewiring	G																																			
F	TWYs E & F2 restricted	G																																			
G	TWY G	G																																			

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	Multiple TWYs rewiring	TWYs A, B, E, & F and RWY 16R/34L rewiring project.	Fall 2020 to 10/29/2021	Complete	G	
F	TWYs E & F2 restricted	TWY E closed between TWYs F1 & F3. TWY F2 closed to aircraft with wingspans greater than 118 feet.	04/07/2021 to 10/31/2021	Complete	G	
G	TWY G	This project will rehabilitate TWY G.	June 2021 to October 2021	Complete	G	



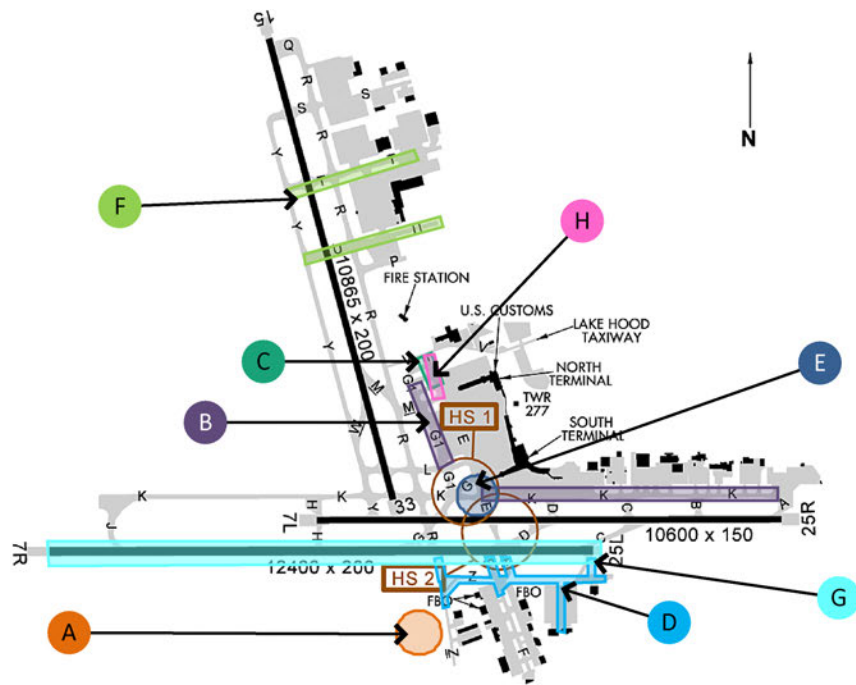
		2021			2022												2023												2024								
	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
A	South Air Park				T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T										
B	TWYs K and G1							G	G	G	G																										
C	TWY E1								G																												

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	South Air Park	South Air Park TWY Z tie-in with 14 hardstands, Cargo Warehouse, MRO Facility, and FBO	2022 TBD to 2023 TBD	Upcoming	T	
B	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 07/15/2022	Upcoming	G	The TWY K project is in seven (7) phases and taxi impacts are expected. TWY G1 project is in three (3) phases and expected to have parking impacts.
C	TWY E1	TWY E1 closed from TWY E to TWY E2.	05/01/2022 to 05/31/2022	Upcoming	G	May have passenger gate impacts.



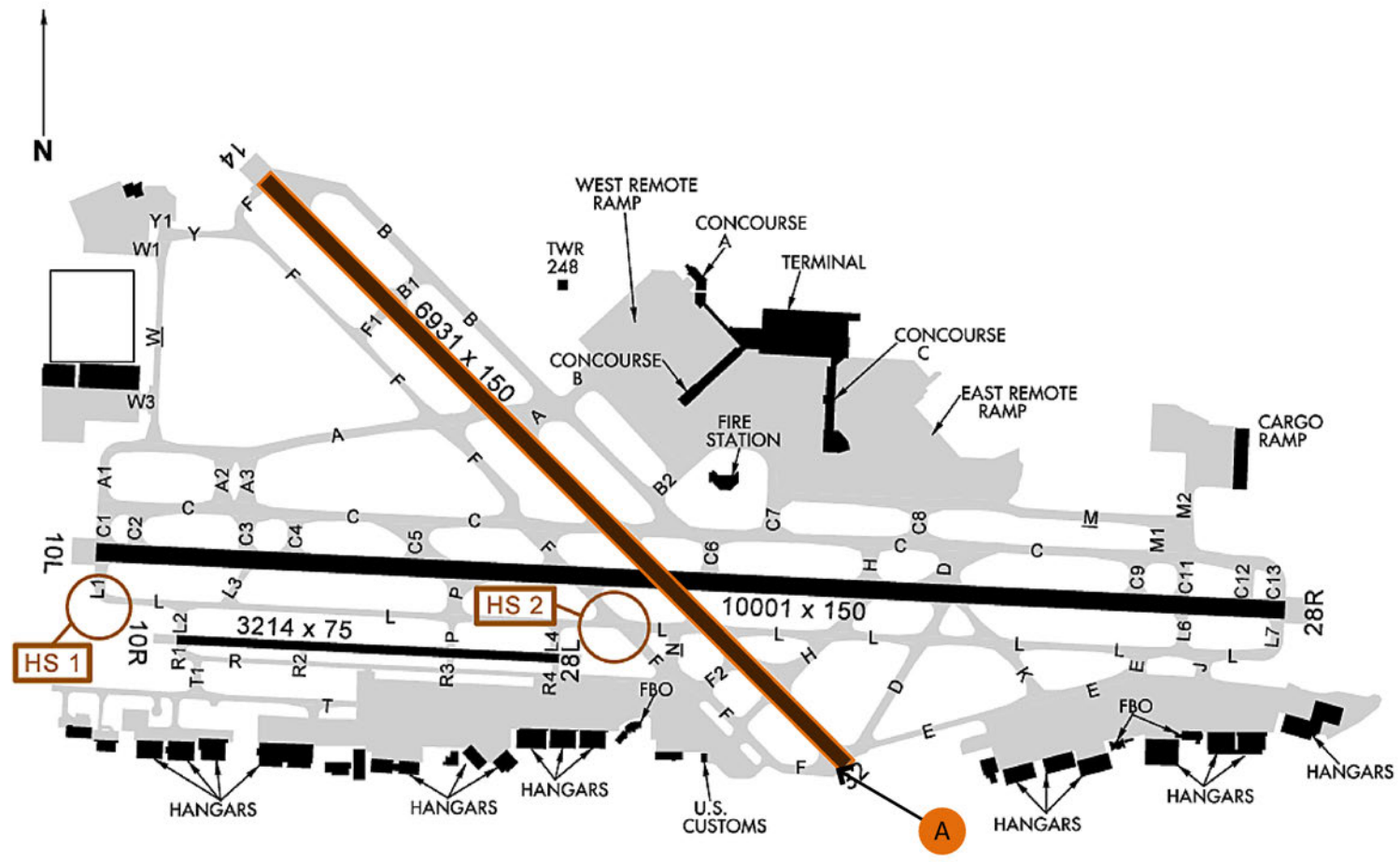
		2021			2022												2023												2024								
	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
D	TWY Z West & East Reconstruction								T	T	T	T	T	T								T	T	T	T	T											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
D	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.	05/15/2022 to 10/30/2022	Upcoming	T	Project is in four (4) phases. Project includes installing an interlinking TWY R between TWY Z & RWY 7R/25L and relocating the service road.
		RWY 7R/25L closure to tie in TWYs R/E (July 20-Aug 20).				
		TWY Z East - Extending, rehabilitating, and widening TWY Z from TWY F to the east to TWY C and stubbing out for future expansion.	05/01/2023 to 10/30/2023	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.



		2021			2022												2023												2024											
	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
E	TWY E/G Intersection									G	G																													
F	FedEx Ramp and TWYs U & T										G																													
G	RWY 7R/25L closure										G	G																												
H	TWY E3												G																											

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
E	TWY E/G Intersection	TWYs E & G intersection closure.	06/01/2022 to 07/15/2022	Upcoming	G	Project may have taxi impacts.
F	FedEx Ramp and TWYs U & T	FedEx will tie in their ramp taxilane to TWYs U & T.	07/01/2022 to 07/15/2022	Upcoming	G	Project will be in two (2) phases. Minimal impact to TWYs U & T.
G	RWY 7R/25L closure	RWY 7R/25L closed for joint repairs.	07/20/2022 to 08/20/2022	Upcoming	G	Concurrent with TWY Z tie in closure
H	TWY E3	TWY E closed from TWY E to TWY E2.	09/05/2022 to 09/30/2022	Upcoming	G	Project may have taxi impacts.



		2021			2022												2023												2024									
	Project	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
A	RWY 14/32	G																																				

	Project	Description of Work	Estimated Dates	Status	Impact	Notes
A	RWY 14/32	RWY 14/32 closed to repair the EMAS for RWY 32.	09/13/2021 to 10/08/2021	Complete	G	