CHICAGO
MAYOR BRANDON JOHNSON

2025 Airfield Construction Overview for O'Hare Noise Compatibility Commission (ONCC)

May 9, 2025

CDA
Chicago Department of Aviation

O'HARE & MIDWAY
INTERNATIONAL AIRPORTS

2025 PROJECTS WITH AIRFIELD IMPACTS

1

SOUTH BASIN EXPANSION & SOUTH CONVEYANCE (TAP)

- Complete closure of Twys RR & F (Ongoing from 2023)

2

EAST TWY IMPROVEMENTS - TWY LL (PHASE 2)

- Phased closures of Twys N, V, V4, V6, V7 & Y (Ongoing from 2024)

3

EAST TWY IMPROVEMENTS - TWY A/B REHAB (A14-A17)

- Phased closures of Twys A, B, A14-A17 (btwn Twy A14 & Bridge)

4

ILLINOIS TOLLWAY I-490 (APPROACH TO 10R)

- Rwy 10R GS/ALS out of service (May 1 - Nov 21, 2025)
- Rwy 28L LOC out of service (May 1 - Nov 21, 2025)

5

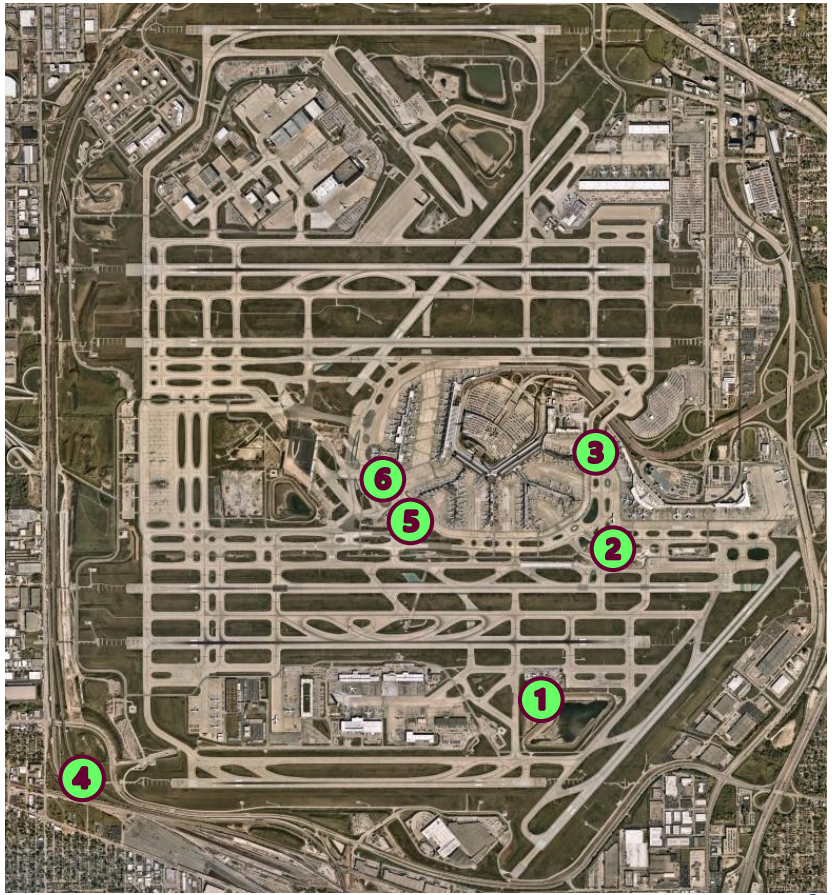
GRADE SEPARATED ROAD (A5/A6)

- Phased closures of Twy A (btwn Twys U & Q)

6

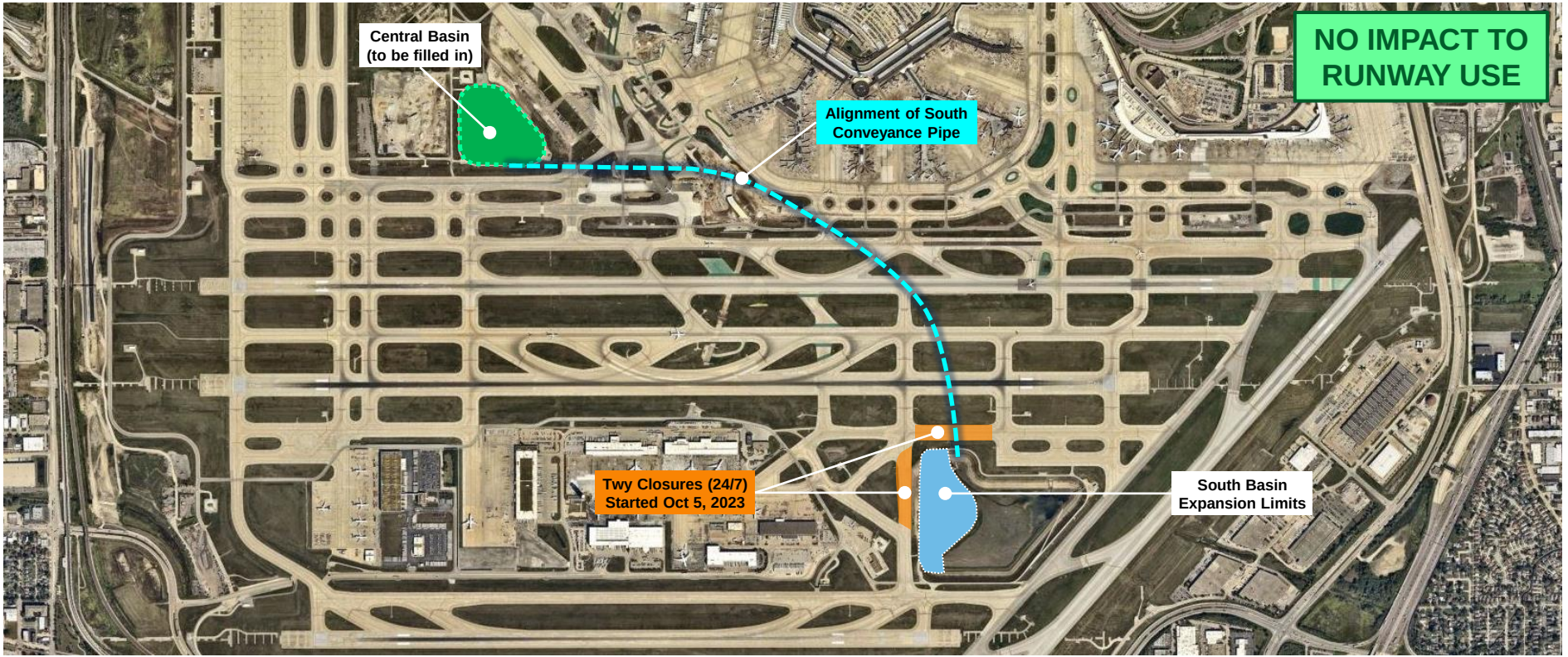
SATELLITE 1 (TAP), TUNNEL & HYDRONIC PIPE

- Closure of Twys Q, U7 & Southport reduced to single taxilane



Source: Chicago O'Hare International Airport - Nearmap Aerial (October 12, 2024); Ricondo (May 5, 2024) / Image not to scale / North

1 OVERVIEW OF SOUTH BASIN EXPANSION & SOUTH CONVEYANCE (TAP)



Source: Chicago O'Hare International Airport – Nearmap (September 15, 2023) ; Ricondo (March 14, 2024) / Images not to scale / North

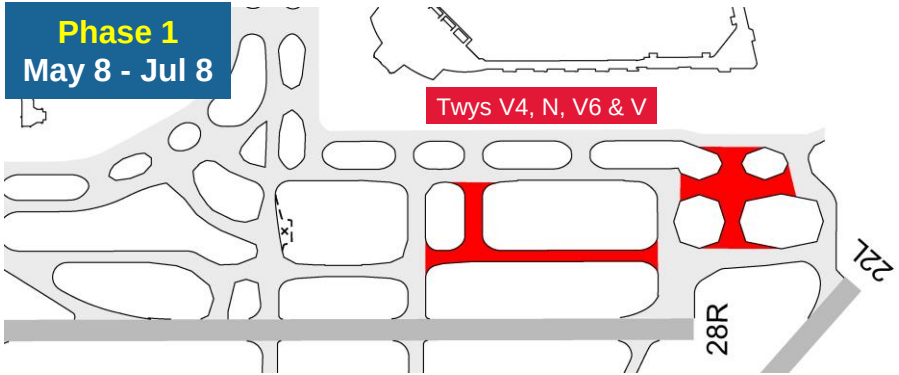
1 SOUTH CONVEYANCE CONSTRUCTION – JUNCTION CHAMBER & DRILLHEAD

Source: Chicago O'Hare International Airport – Turner-Paschen Aviation Partners (TPAP); / Images not to scale

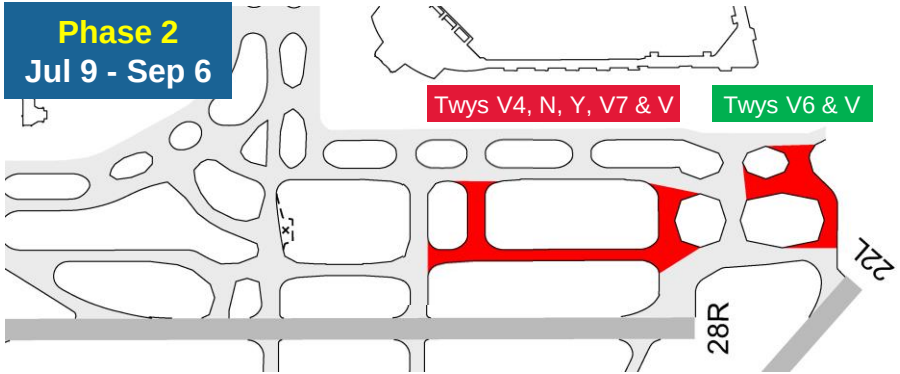
② EAST TWY IMPROVMENTS - TWY LL (PHASE 2)

INCREASE IN RWY 27L DEPARTURES

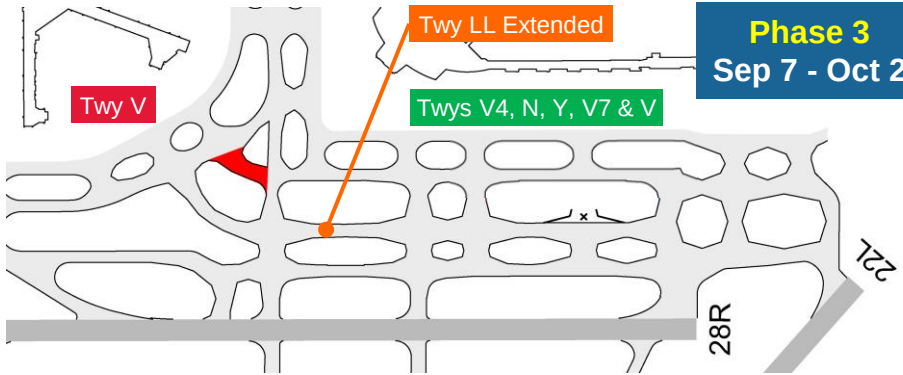
Phase 1
May 8 - Jul 8



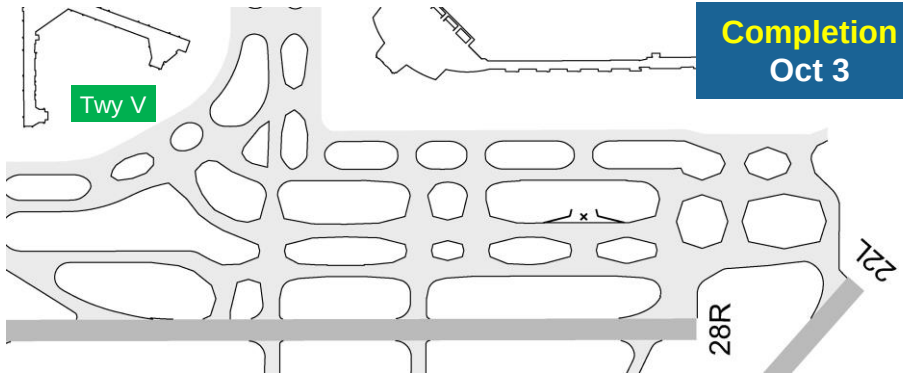
Phase 2
Jul 9 - Sep 6



Phase 3
Sep 7 - Oct 2



Completion
Oct 3

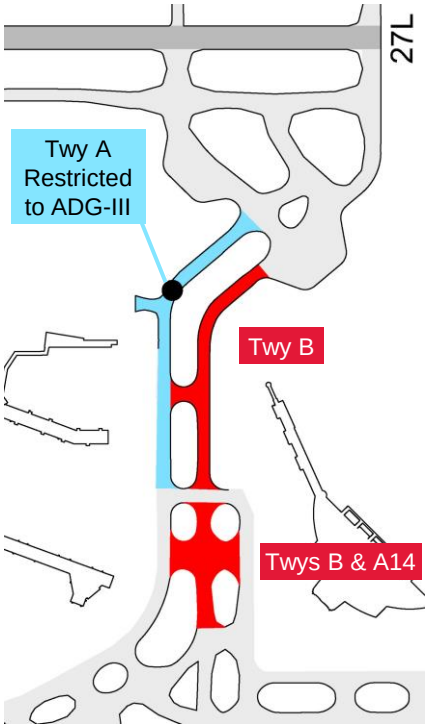


Source: Chicago O'Hare International Airport: Ricondo (May 5, 2025) / Images not to scale / North ↑ / Red signifies taxiway closures

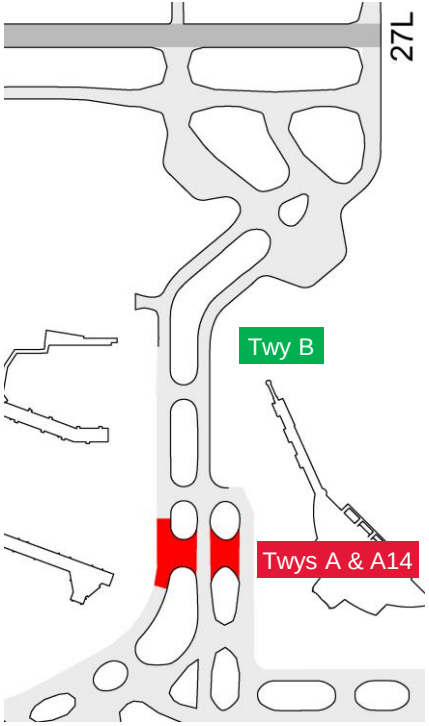
❸ EAST TWY IMPROVMENTS - TWY A/B REHAB (A14-A17)

NO IMPACT TO RUNWAY USE

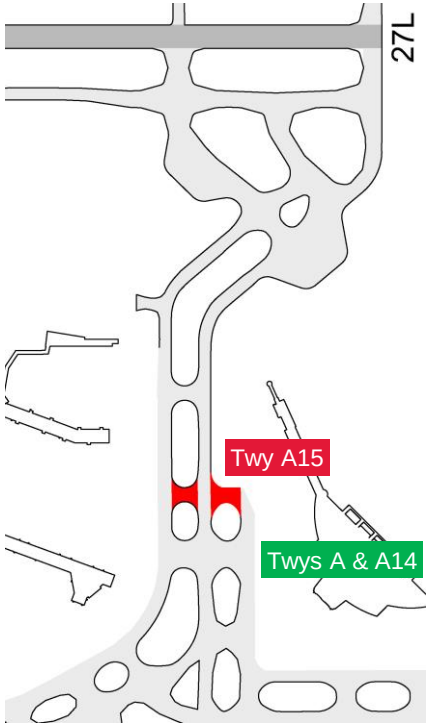
Phase 1 : Apr 1 - May 16



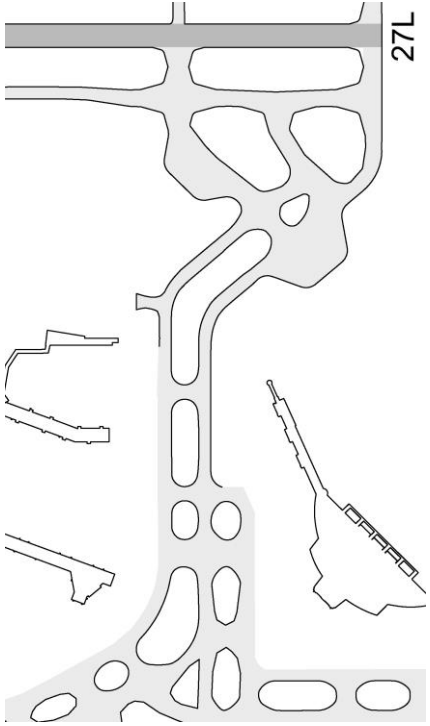
Phase 2 : May 17 - Jun 16



Phase 3 : Jun 17 - Jul 17



Completion : Jul 18



Source: Chicago O'Hare International Airport: Ricondo (May 5, 2025) / Images not to scale / North / Red signifies taxiway closures

4 ILLINOIS TOLLWAY I-490 (APPROACH TO RWY 10R)

INCREASE IN RWY 9C ARRIVALS

Construction of bridge over future I-490 tollway that is being built along the west corridor of O'Hare. Road work to follow.

Approach Lighting System (**ALS**) for 10R will be repositioned onto the new bridge.

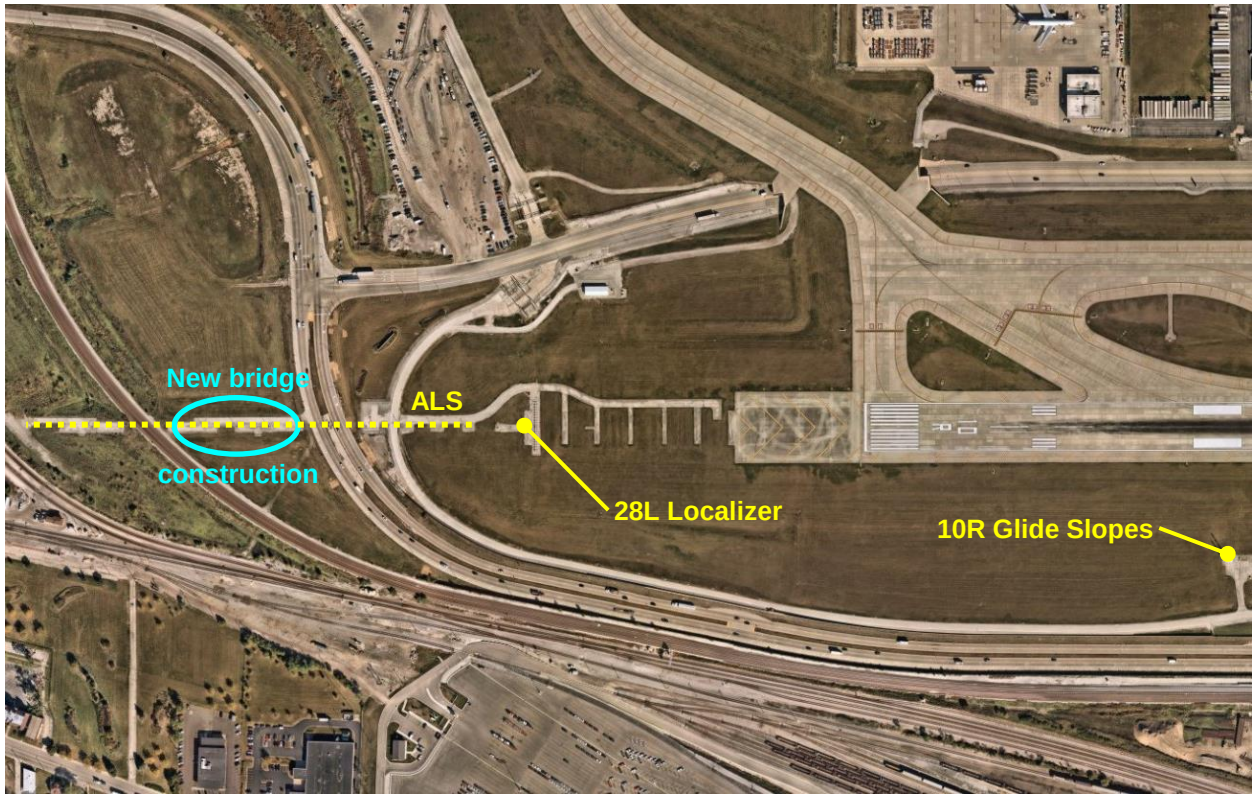
Similar work completed by Tollway:

- **2024** – Rwy 10C
- **2023** – Rwy 9L
- **2022** – Rwys 9R & 10L
- **2021** – Rwy 9C

Impacts between May 1 – Nov 21, 2025:

- **10R ALS & Glide Slopes shutdown**
- **28R Localizer shutdown**

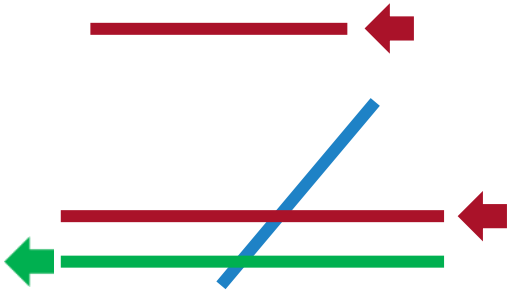
Note: Construction complete by early Sep. FAA reactivation of Navaids lasts until Nov 21, 2025



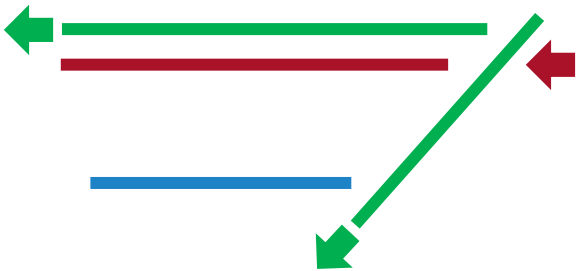
Source: Chicago O'Hare International Airport – Nearmap (April 9, 2024) ; Ricondo (March 14, 2024) / Images not to scale / North

4 ILLINOIS TOLLWAY I-490 (APPROACH TO RWY 10R)

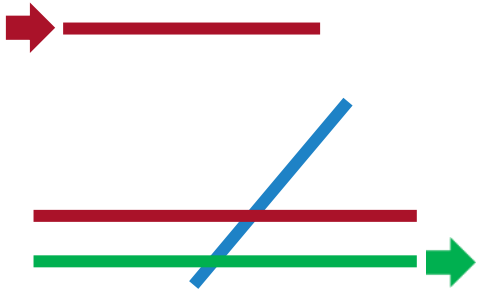
INCREASE IN RWY 9C ARRIVALS



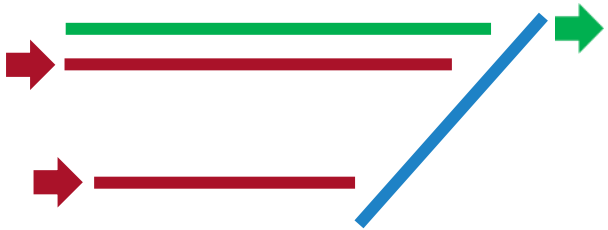
West Flow (Unaffected)



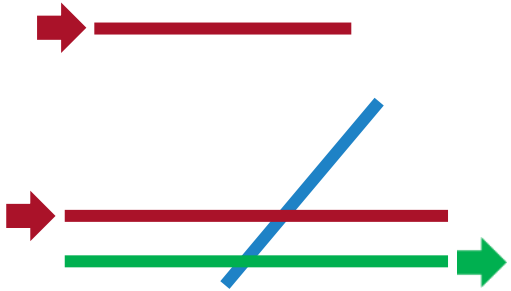
No ILS to Rwy 28R (No Impacts as not normally used)



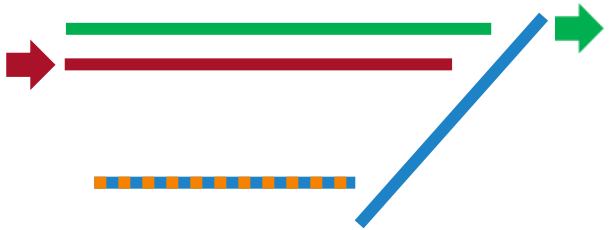
Normal East Flow



Rwy 10R normally used for arrivals over 9C



East Flow (without 10R)



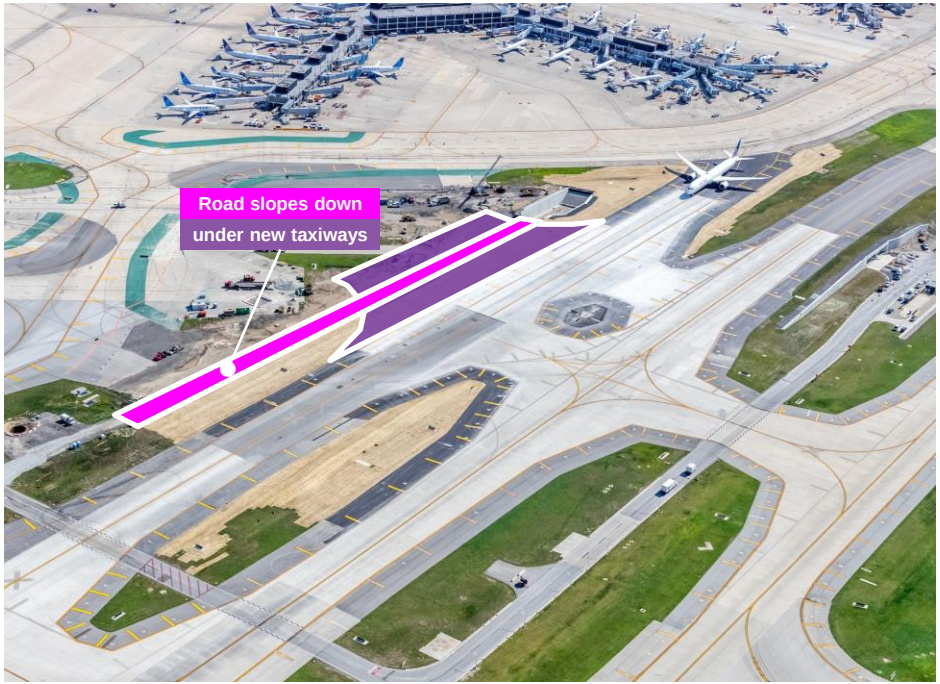
3 Arrivals runways maintained
Rwy 10R arrivals moved to Rwy 9C

Source: FAA OMP EIS (2005), FAA TAP EA TAAM Modelling (2019/20), Ricondo (May 6, 2024)

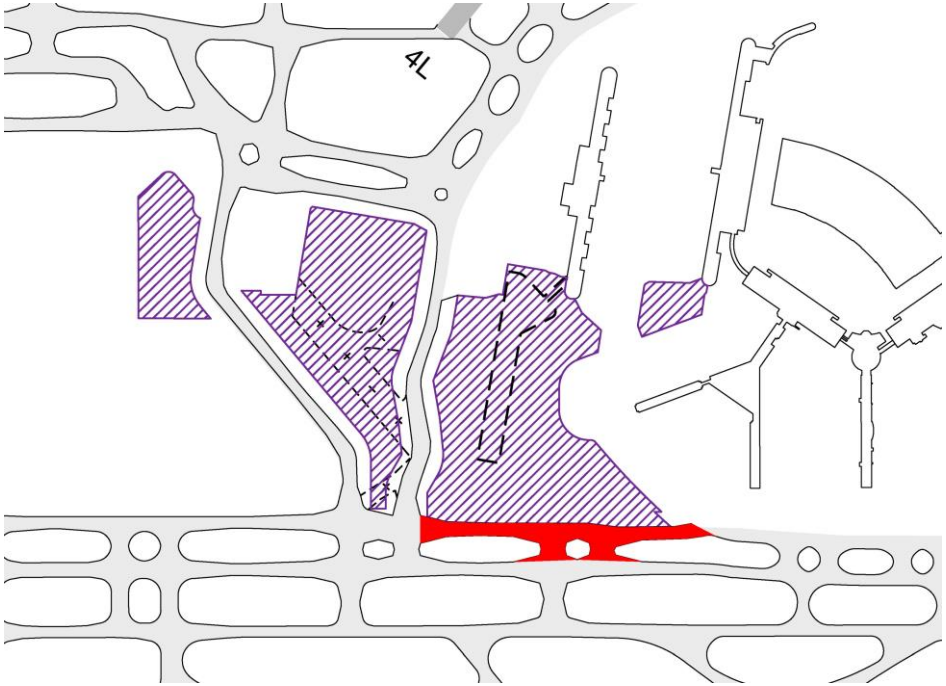
5 GRADE SEPARATED ROAD (A5/A6)

INCREASE IN RWY 27L DEPARTURES

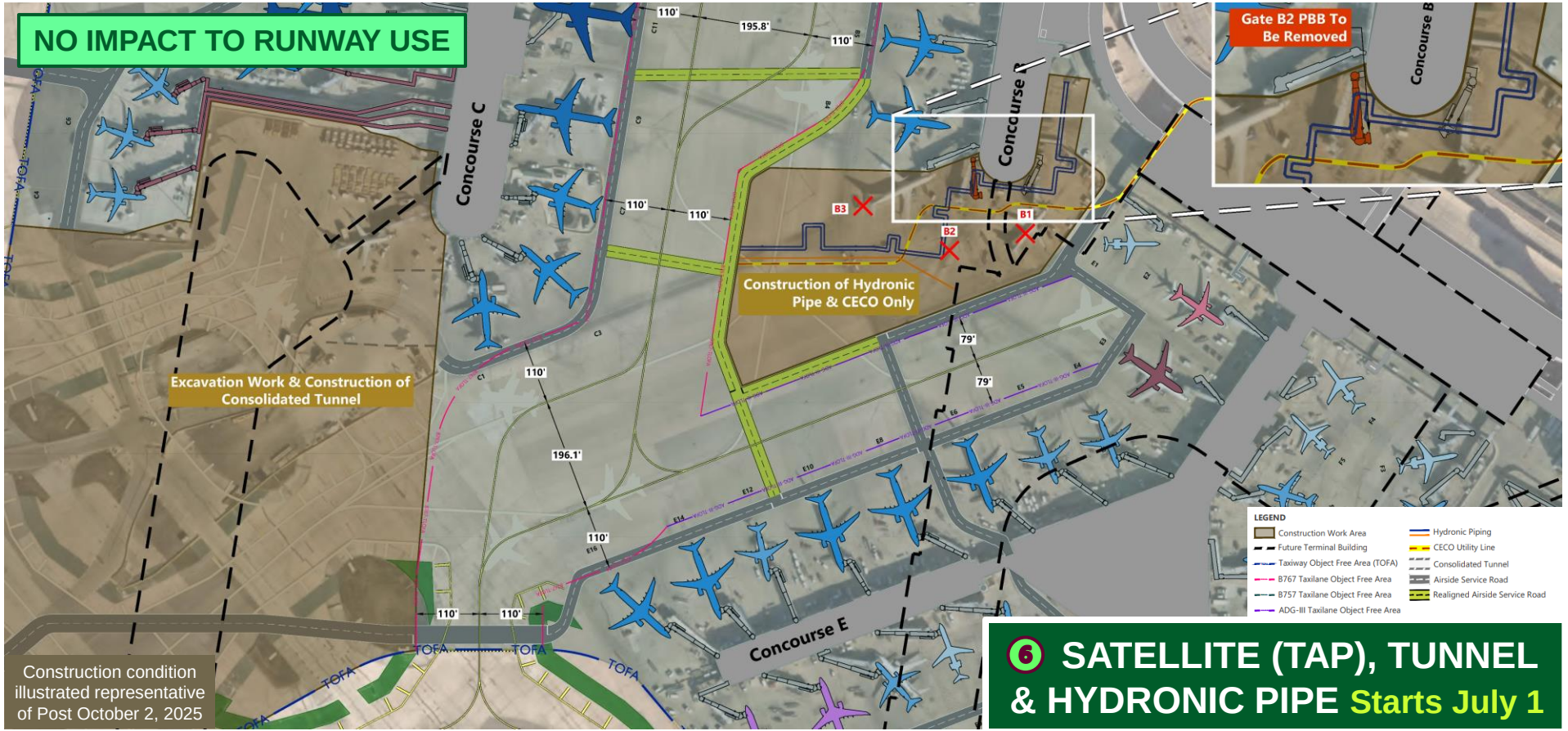
Construction of a below grade service road & surface pavement that will ultimately be the future dual taxiway entrance to the ramp between Satellite 1 & the O'Hare Global Terminal. Taxiway A will be closed between July & November 2025 for construction.



Source: Chicago O'Hare International Airport; Turner Paschen Aviation Partners (Falle 2024)



Source: Chicago O'Hare International Airport; Ricondo (May 5) / Image not to scale / North / Red signifies taxiway closure



Source: Chicago O'Hare International Airport, Future Airport Layout Plan, December 2022; United Airlines, C1-C9 Reconfiguration 30% Design Document, August 2023; Nearmap, October 7, 2024; CCA, ORD Fuel Committee, HNTB, AHCB, Ricondo, December 17, 2024 Construction Phasing / Image not to Scale / North

CHICAGO

MAYOR BRANDON JOHNSON

CHICAGO DEPARTMENT OF AVIATION

TRACEY PAYNE, ACTING COMMISSIONER

O'HARE 21

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