

# YYC Update

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**YYC presentation to the Calgary Airport Authority Community Consultative Committee (ACCC)**

June 18 | 2024

**YYC** CALGARY  
AIRPORT  
AUTHORITY

# Agenda

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- **Welcome**
- **Land Acknowledgment**
- **YYC Operations Update**
- **West Runway Rehabilitation Update**
- **NAV Canada Update**
- **Environment, Sustainability & Governance**
- **ACCC Survey Key Findings**
- **Round-Table Discussion**







In the spirit of respect, reciprocity, and truth, we honour our ancestors and the original caretakers of this land long before we were here. We recognize the Treaty 7 territory, home to the Blackfoot Confederacy, comprising the **Siksika, Kainai, and Piikani** First Nations, as well as the **Tsuut'ina** and the **Îyâxe Nakoda** Nations, including the **Bearspaw, Chiniki,** and **Goodstoney** First Nations. Additionally, the City of Calgary is shared with the **Otipemisiwak Métis Government**, encompassing **Districts 5** and **6**.

As one of North America's leading hubs for connectivity, YYC Calgary International Airport welcomes a global community of visitors, connecting them to nationally significant landmarks and experiences throughout the region. These include Banff National Park, the Canadian Badlands, Waterton Lakes, the Rocky Mountains, and many authentic Indigenous tourism experiences.

Committed to the growth and prosperity of the diverse communities on these traditional lands, YYC supports the lives, work, and leisure of those who inhabit and visit the areas we serve.



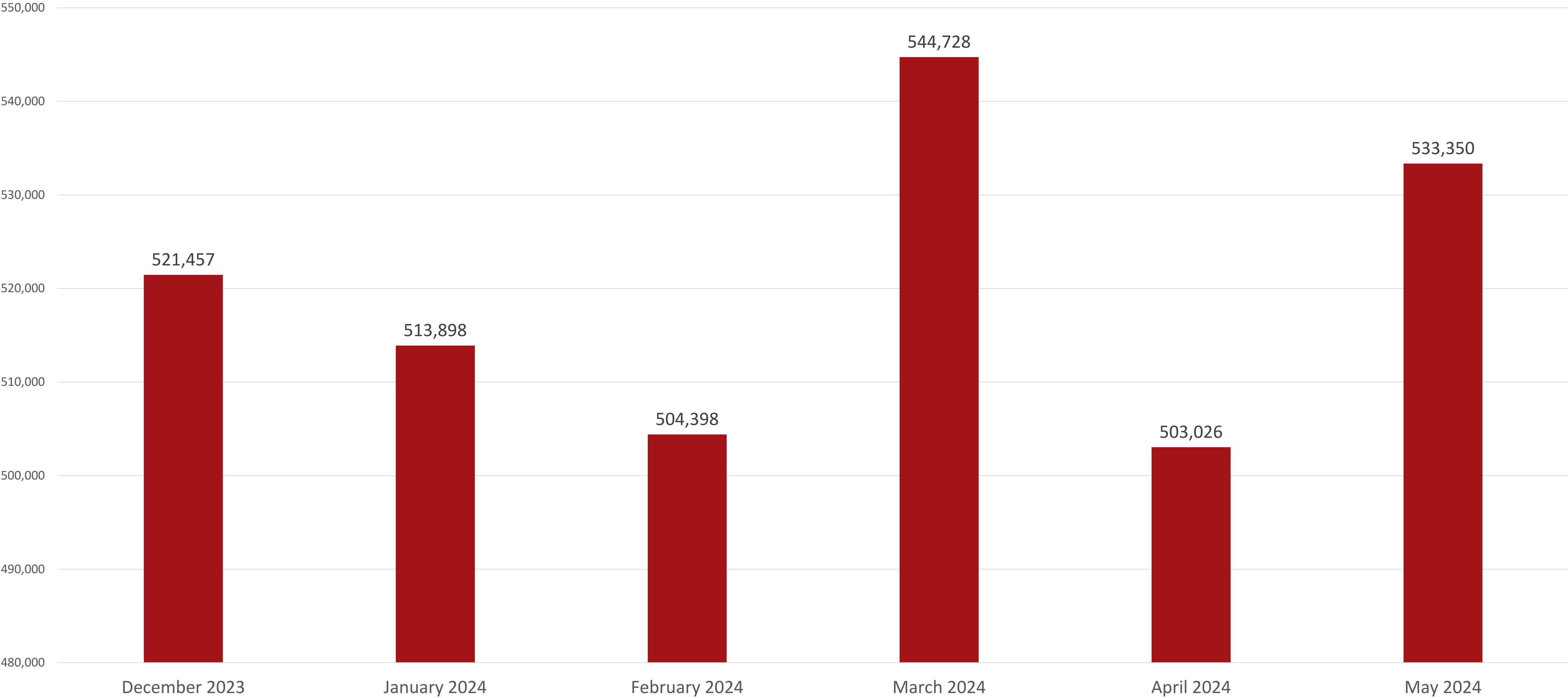


# December 2023 – May 2024 YYC Update





# YYC-Originating Passengers (previous 6 months)





# West Runway Rehabilitation

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ACCC Quarterly Meeting: June 18, 2024







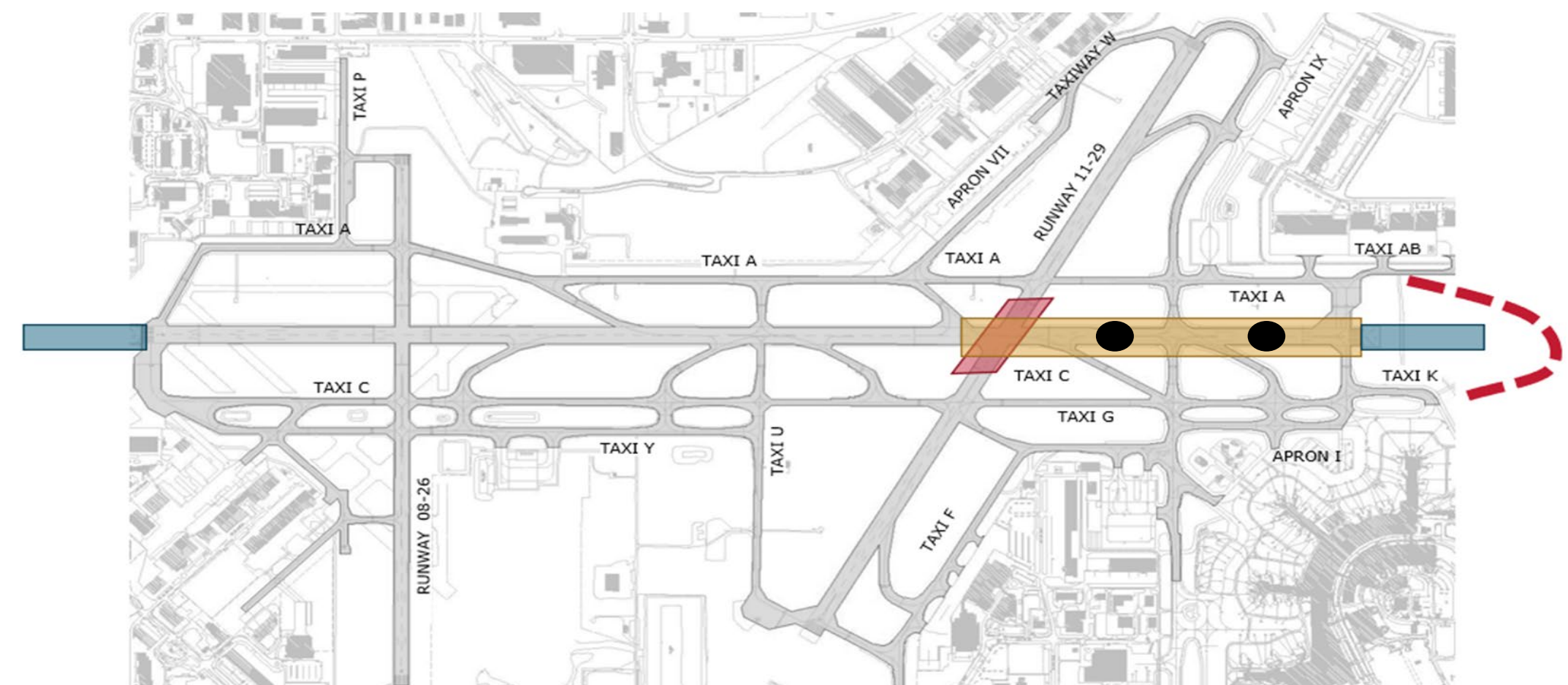




# ASPHALT REMOVAL



To date we have milled 15815.15 m<sup>3</sup> of asphalt from the north end of the runway







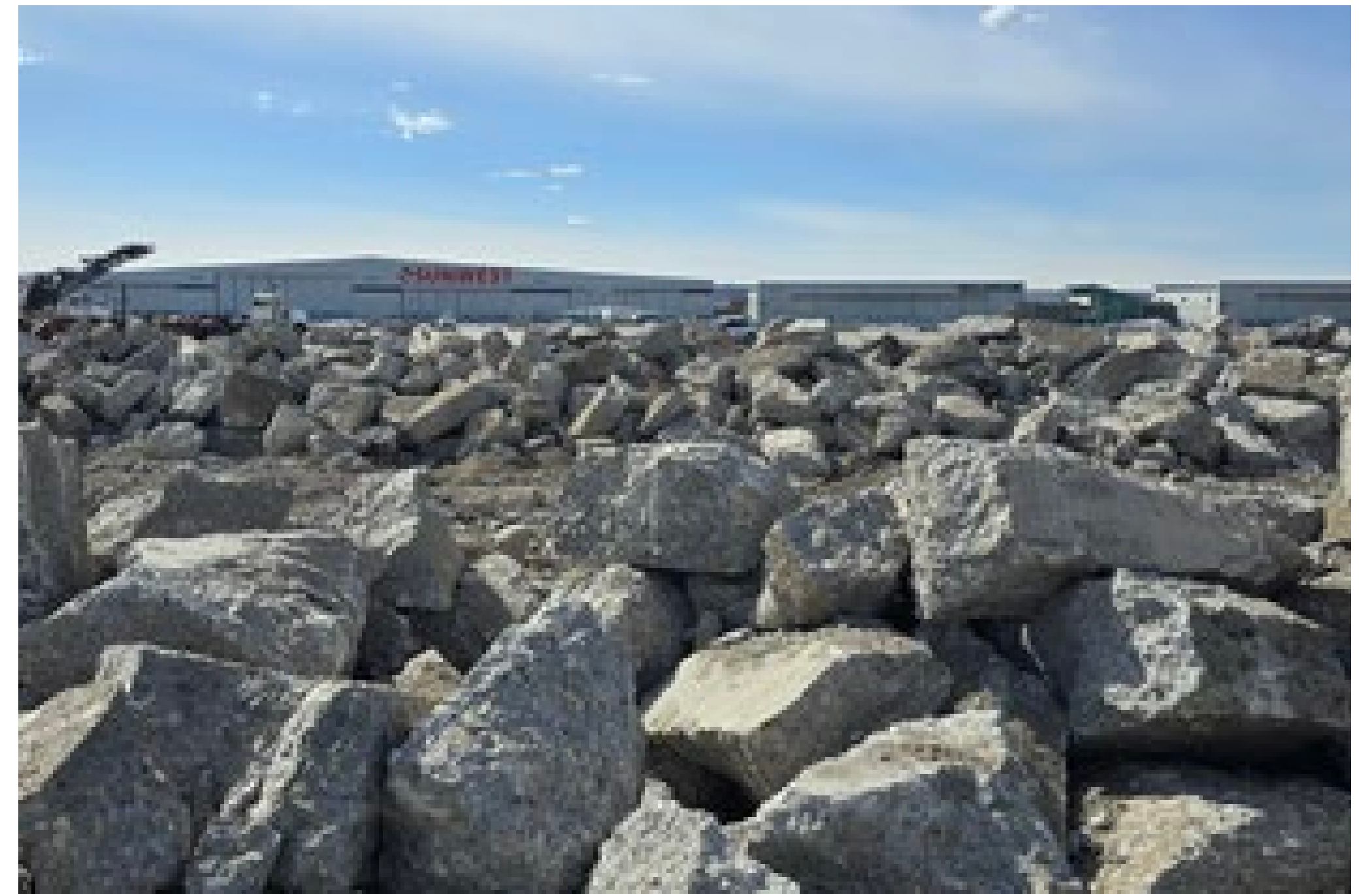
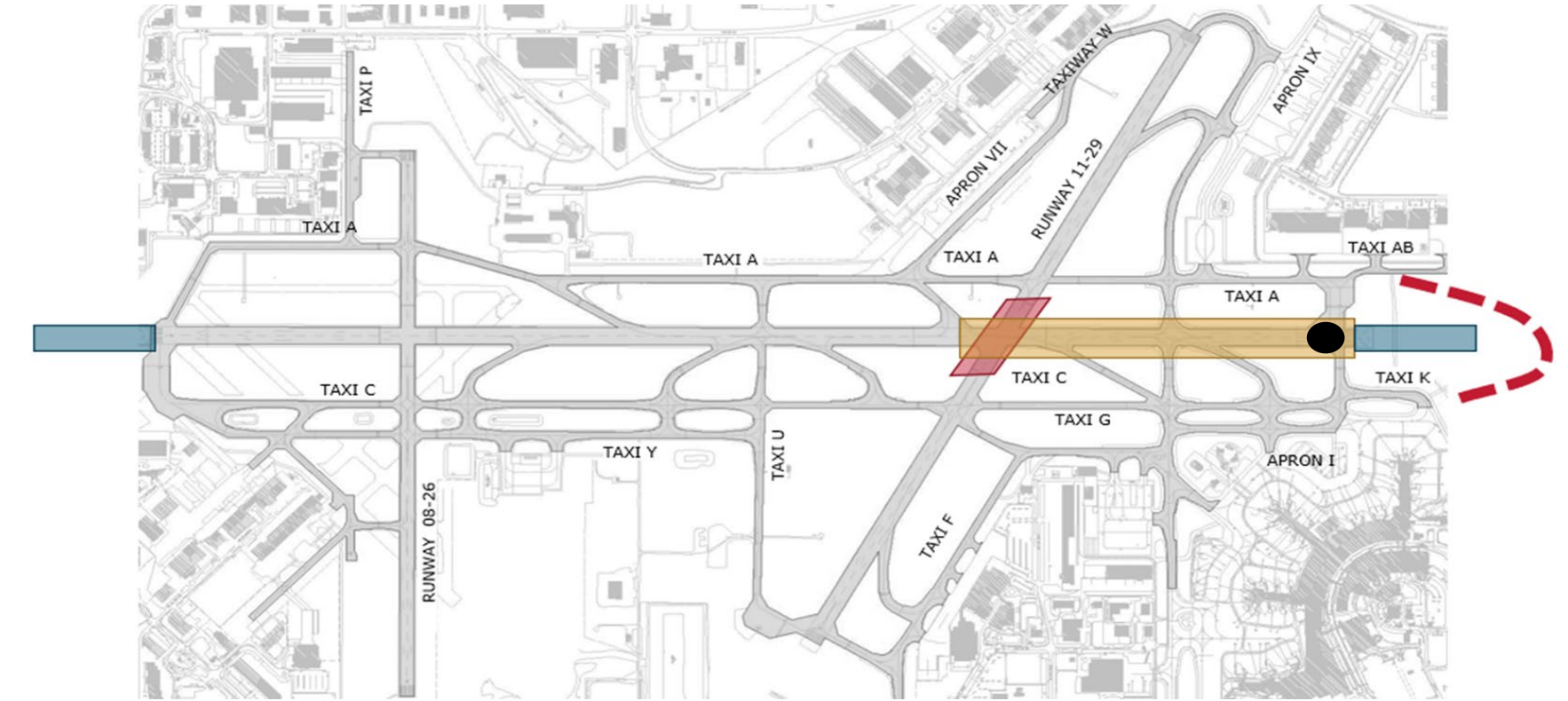


# CONCRETE REMOVAL WORK



## Demolition of Concrete Threshold

To date we have demoed 4,370 m<sup>3</sup> of concrete









# CONCRETE CRUSHING WORK

## Crushing Concrete

To date we have crushed roughly  
1,000 cubic meters of concrete

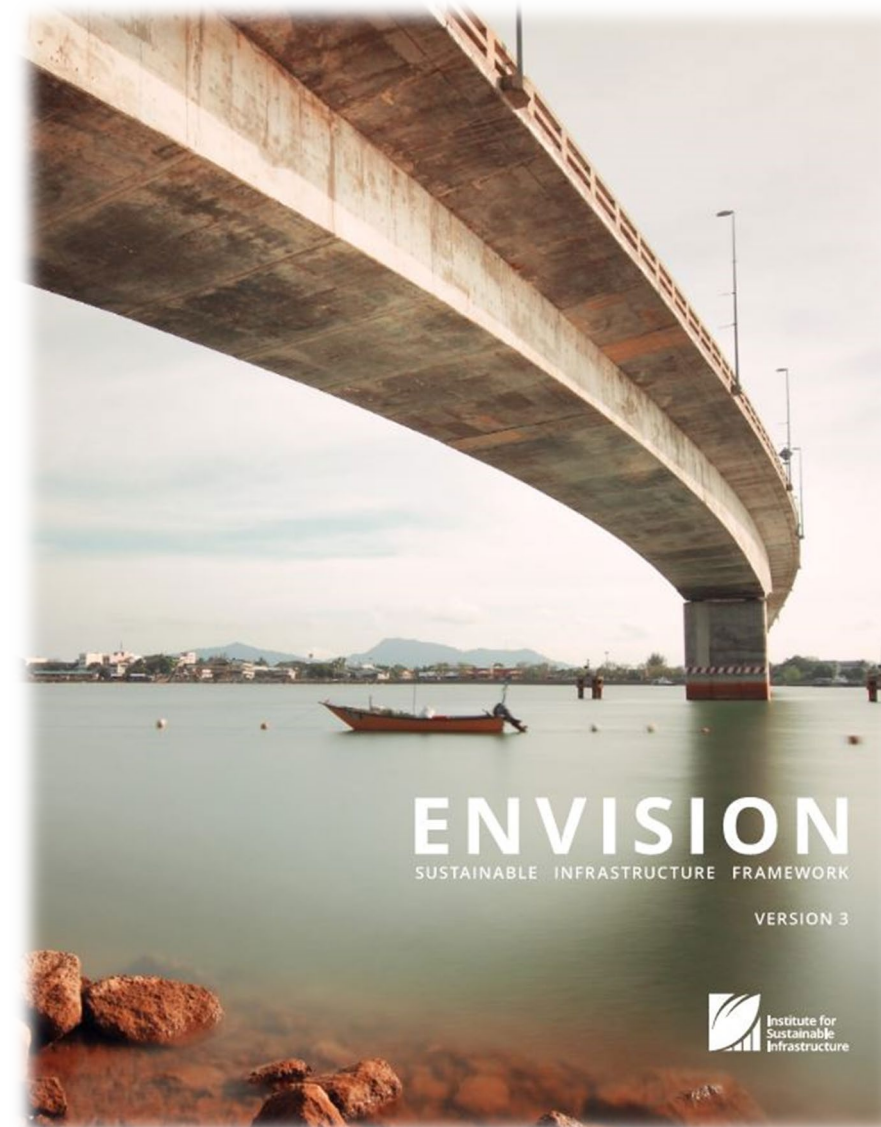








# ENVISION FRAMEWORK TO SUPPORT PROJECT



-  **Quality of Life**  
14 Credits
-  **Leadership**  
12 Credits
-  **Resource Allocation**  
14 Credits
-  **Natural World**  
14 Credits
-  **Climate & Resilience**  
10 Credits

Envision provides a common language for designing better infrastructure, promoting comprehensive stakeholder engagement, and fostering sustainable development practices across diverse projects and programs.

YYC is one of two airports in Canada registered for Envision certification.

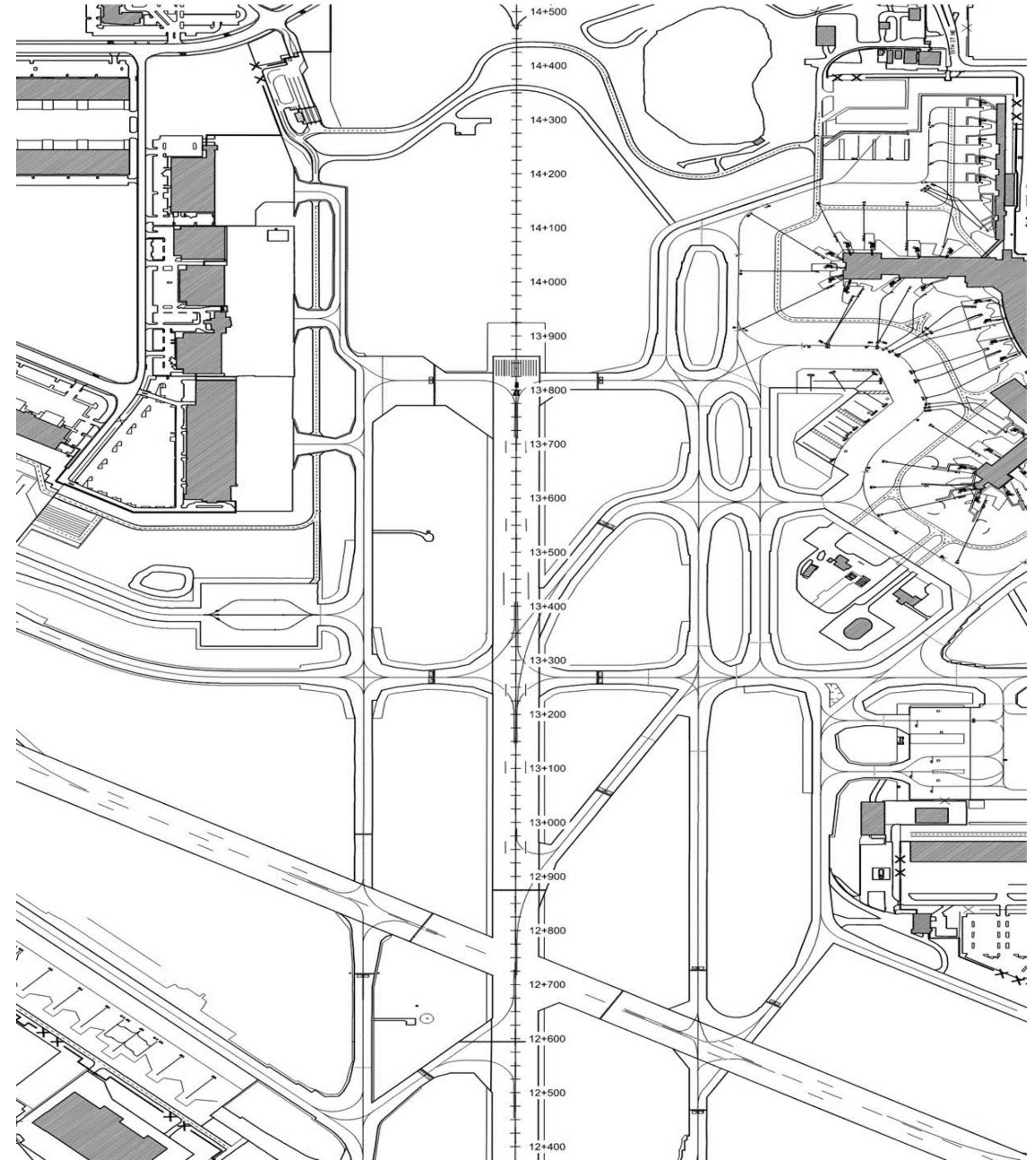
CONSTRUCTION	OPERATIONS AND PERFORMANCE
<b>Reduce construction waste:</b> working to divert waste from landfill, potential re-use of materials at other airports.	Climate resiliency considerations: climate lens program from Infrastructure Canada, drainage and pavement designs.
<b>Balance earthworks:</b> reuse of 80% of excavated material.	Upgraded runway safety features enabling long-term resilient.
<b>Reducing construction energy consumption:</b> specialized equipment, anti-idling policy, sustainable transportation program.	LED Lighting and upgrades (energy conservation).
<b>Reduce potable water use</b> through stormwater use during construction.	Rough-ins for future upgrades and needs to avoid intensive construction projects in the future (drainage, lighting).
<b>Community engagement:</b> community info sessions and early consultation / engagement of on and off-site stakeholders.	Installation of paved shoulders and inset lighting for more efficient snow clearing (enabling better control of glycol-impacted snow).
<b>Noise monitoring:</b> new noise monitoring terminals around the City for impacted communities.	Removal / remediation of contaminated materials encountered (e.g., wood-stave pipe, old dirt roads previously covered with oil).
<b>Standard project requirements:</b> ECO Plan, HSE Plan, etc.	







# LOOK AHEAD







# NEXT 90 DAYS

- Ongoing Electrical Work
- Closure of Runway 11/29
- Rehabilitation of the intersection
- This phase will occur from mid-July to September
- 2 runways will continue to be available throughout this phase



# QUESTIONS?

**Laura Samson**, Director of Infrastructure

[lauras@yyc.com](mailto:lauras@yyc.com)





# THANK YOU!

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# NAV CANADA Update



Serving a world in motion  
[navcanada.ca](http://navcanada.ca)





# Strategic Priorities 2022- 2026

Our work will be guided by five Strategic Priorities that will support our journey through the aviation industry's recovery, build overall resilience and help us shift as the world around us evolves.





# Environmental, Social, Governance (ESG) at NAV CANADA

Our approach to ESG is focused on the principles of Environmental Action, Inclusive Society and Strong Governance to build a sustainable and economically resilient future.

ESG Strategy implementation is supported and integrated across every area and level at NAV CANADA



In 2023, we launched our Diversity, Equity, Inclusion, and Belonging (DEIB) Strategy.

Our goal is to create a safe and respectful workplace for all our people, so that everyone can bring their authentic selves to work.



We are a signatory to Transport Canada's Aviation Climate Action Plan, which outlines our role in helping achieve the Net Zero by 2050 vision for Canada's Aviation Sector.

NAV CANADA is a member of the UN Global Compact, the world's largest sustainability initiative.

Our ESG Strategy and goals are aligned with the UN Global Compact framework and principles. Through a materiality assessment, we have identified six UN Sustainable Development Goals material to NAV CANADA:

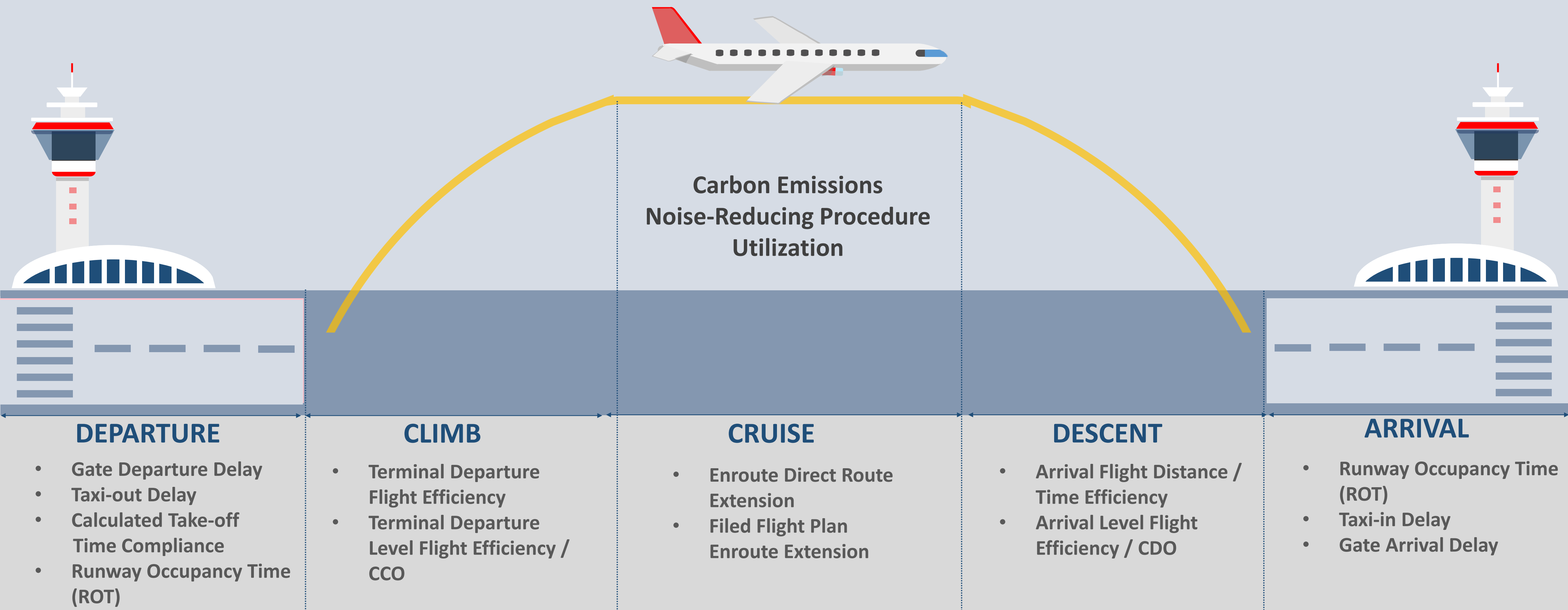




# Measuring Operational and Environmental Performance

CANSO Metrics by phase of flight and emissions per flight in collaboration with Envirosuite

13 CLIMATE ACTION







Due to severe water restrictions  
in the city of Calgary,  
**Please be considerate of water  
use while visiting.**



# Aviation Noise and Operational Update

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June 18 | 2024

**YYC** CALGARY  
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AUTHORITY



# Runway Usage Trends

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## ⇒ **Dashboard overview**

<https://www.yycsustainability.com/healthy-people-communities/#4.1>





# Calgary Overflights Mid-Construction May 31, 2023

— Arrivals  
— Departures

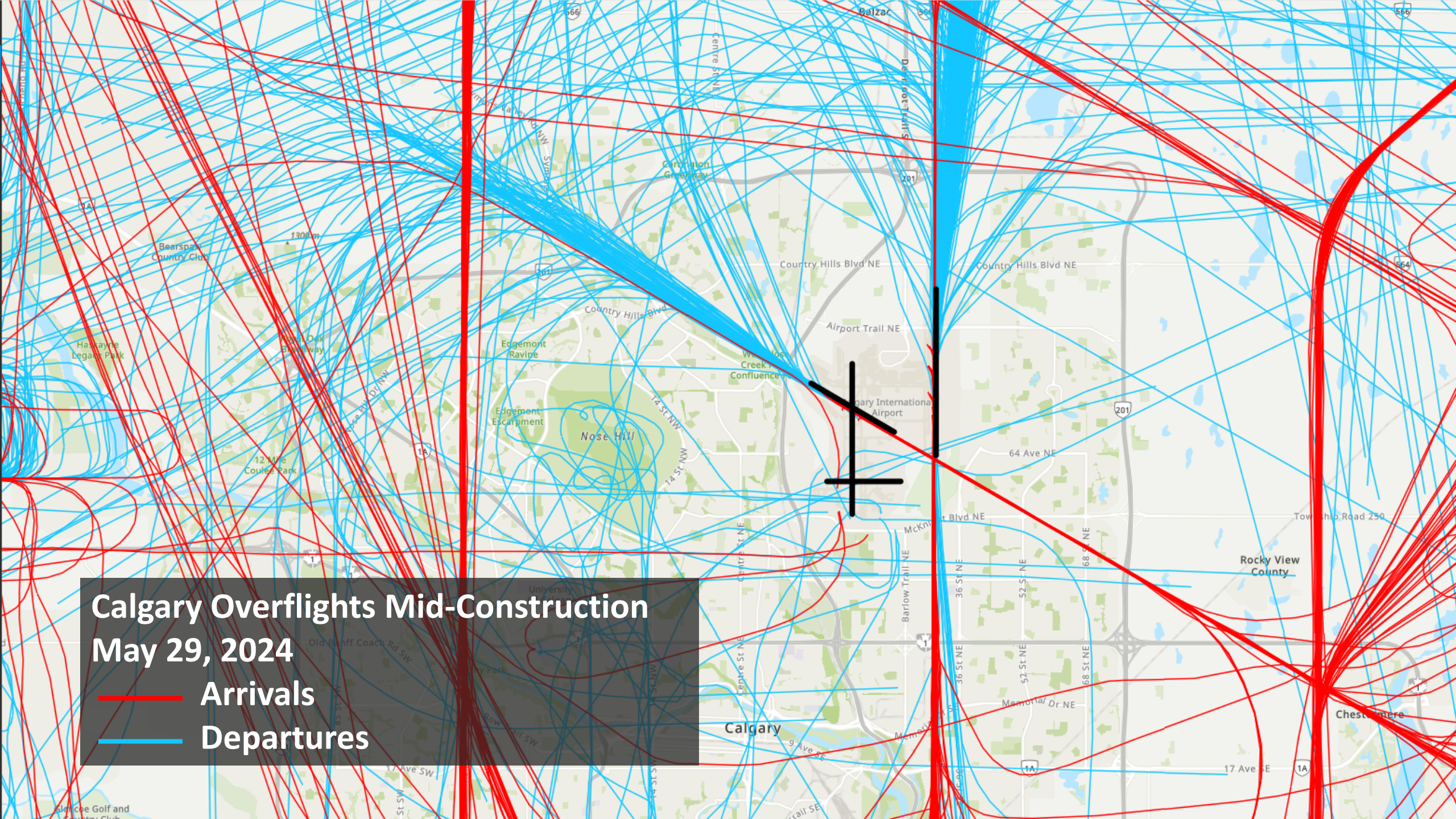




# Calgary Overflights Mid-Construction

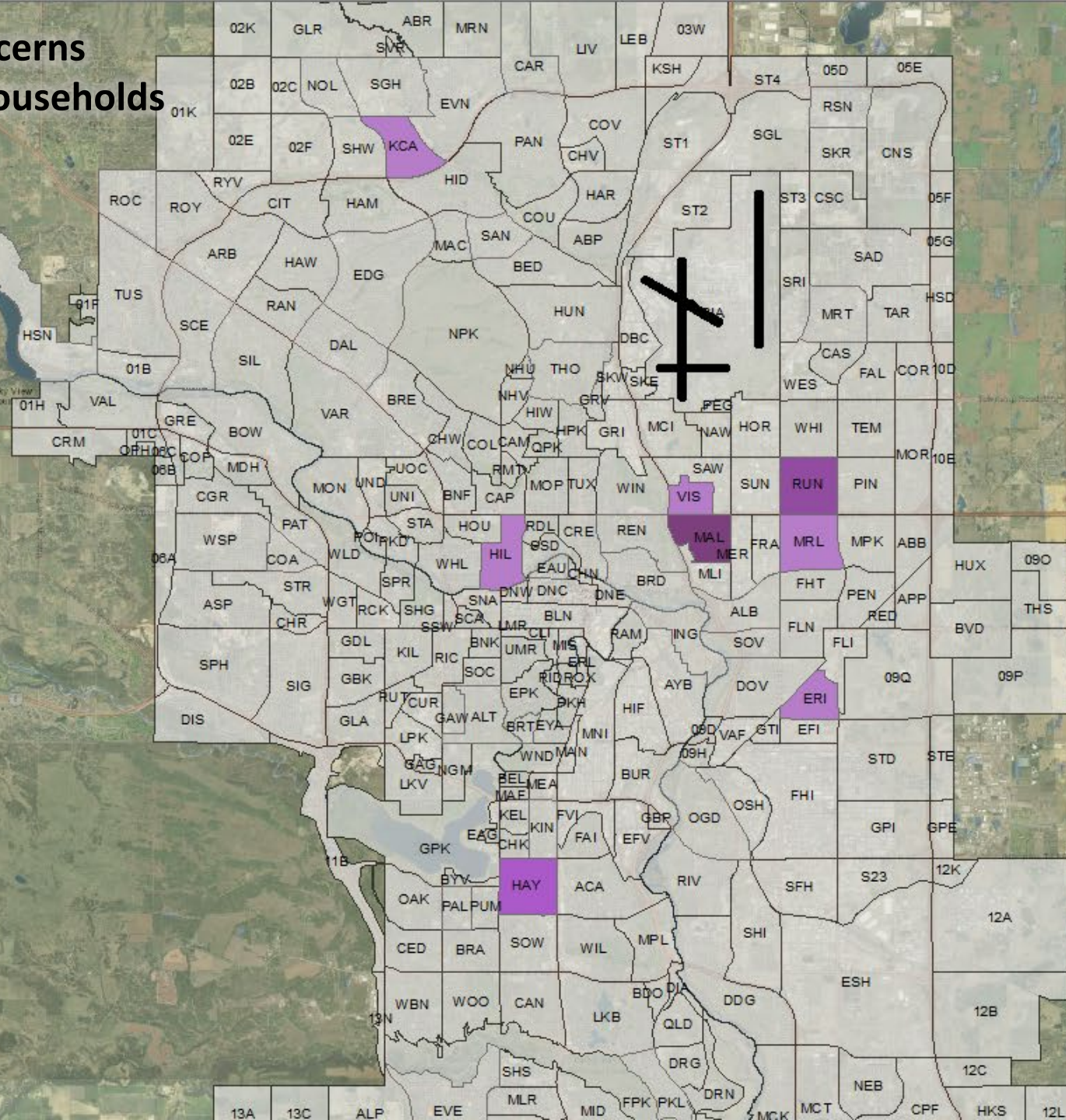
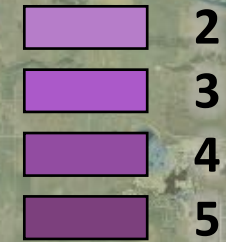
May 29, 2024

— Arrivals  
— Departures



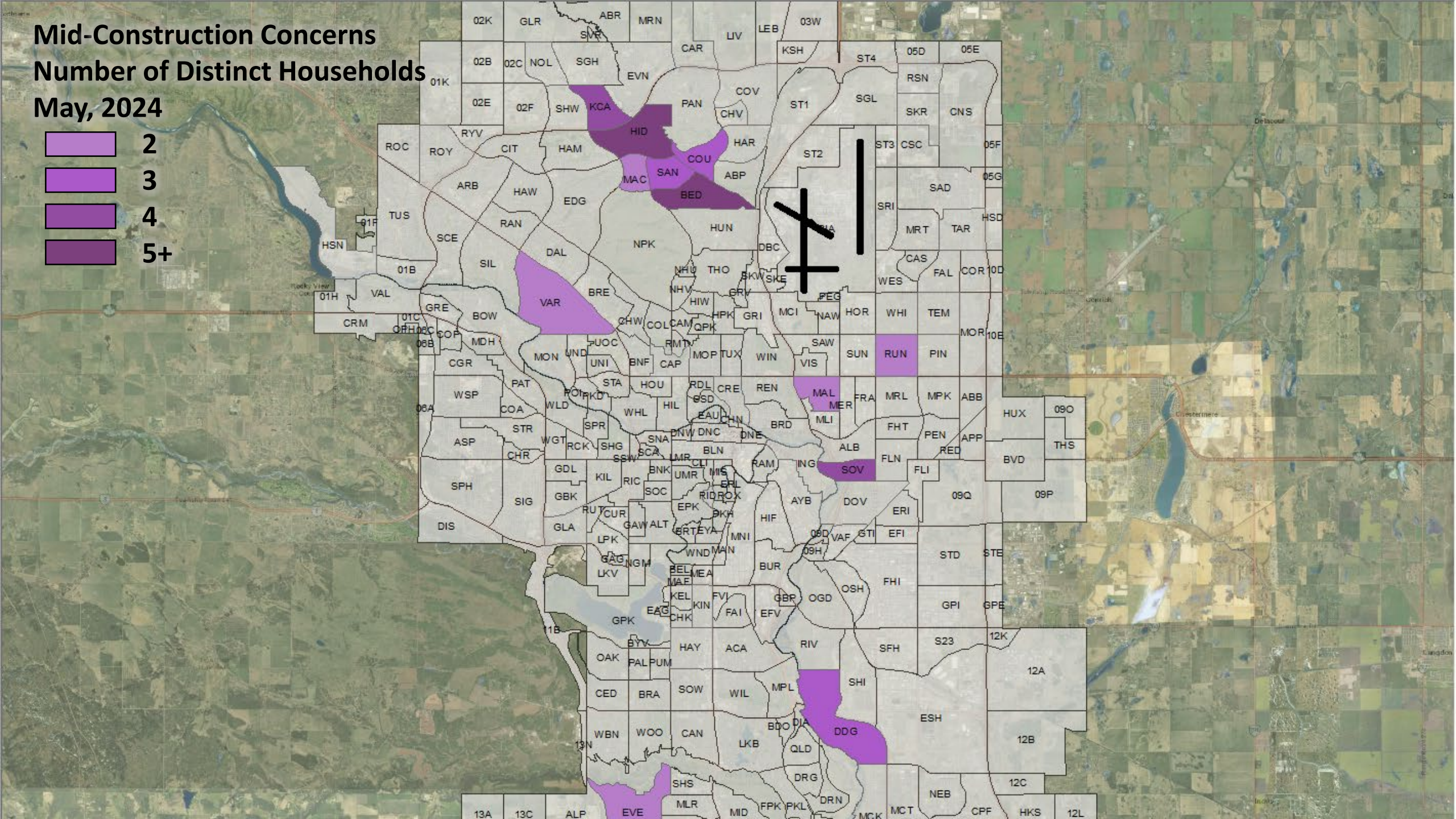


Pre-Construction Concerns  
Number of Distinct Households  
May, 2023





Mid-Construction Concerns  
Number of Distinct Households  
May, 2024





# Runway Operations (WRRP)

## May, 2023 (Pre-Construction)

Runway	Arrivals	Departures	Total
11	50	37	87
29	33	3	36
17L	2062	1724	3786
35R	1607	1965	3572
17R	2555	2753	5308
35L	2561	2390	4951

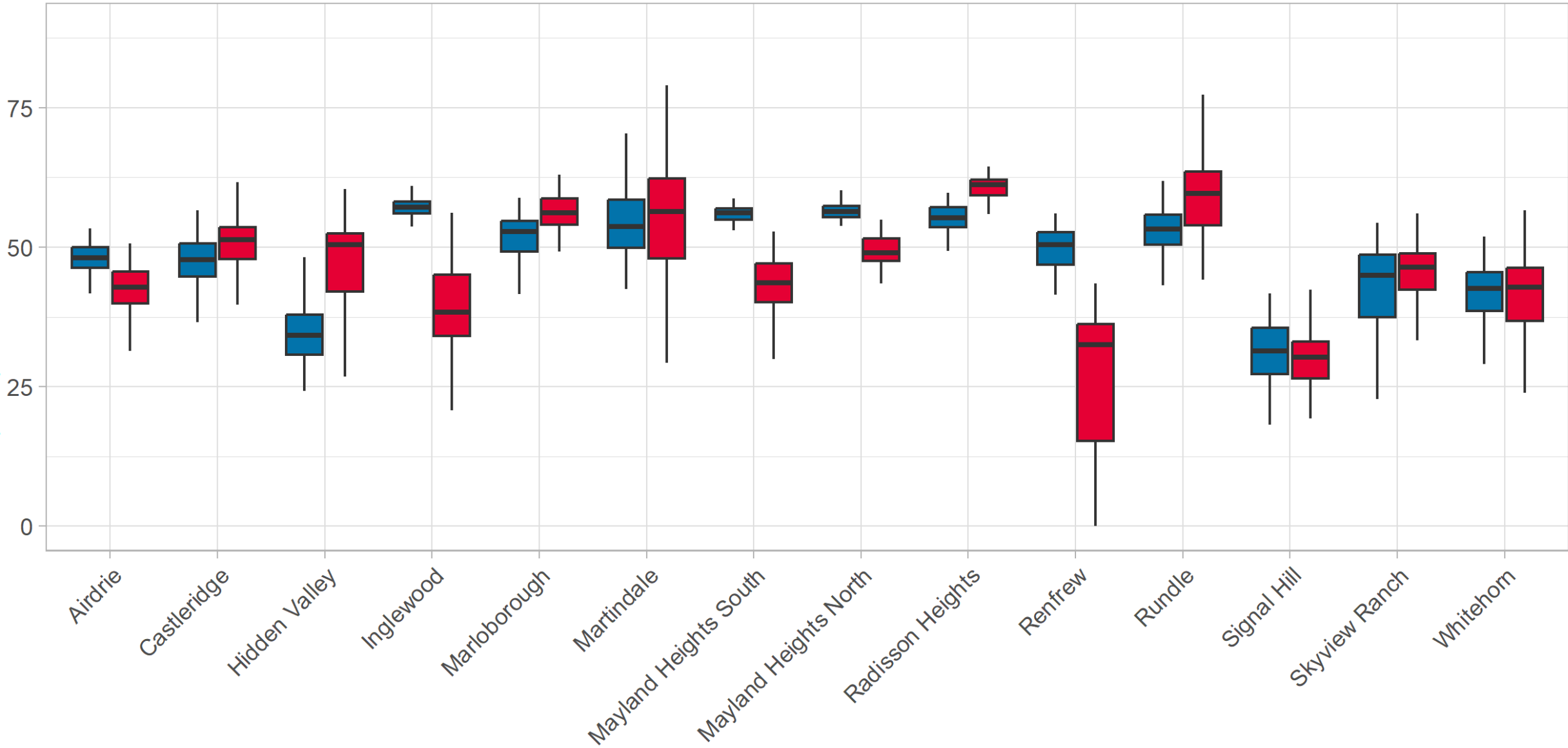
## May, 2024 (Mid-Construction)

Runway	Arrivals	Departures	Total	% Change
11	65	4	69	-21%
29	232	937	1169	+3147%
17L	1919	1910	3829	+1%
35R	5978	5337	11315	+217%
17R	-	-	-	-100%
35L	-	-	-	-100%

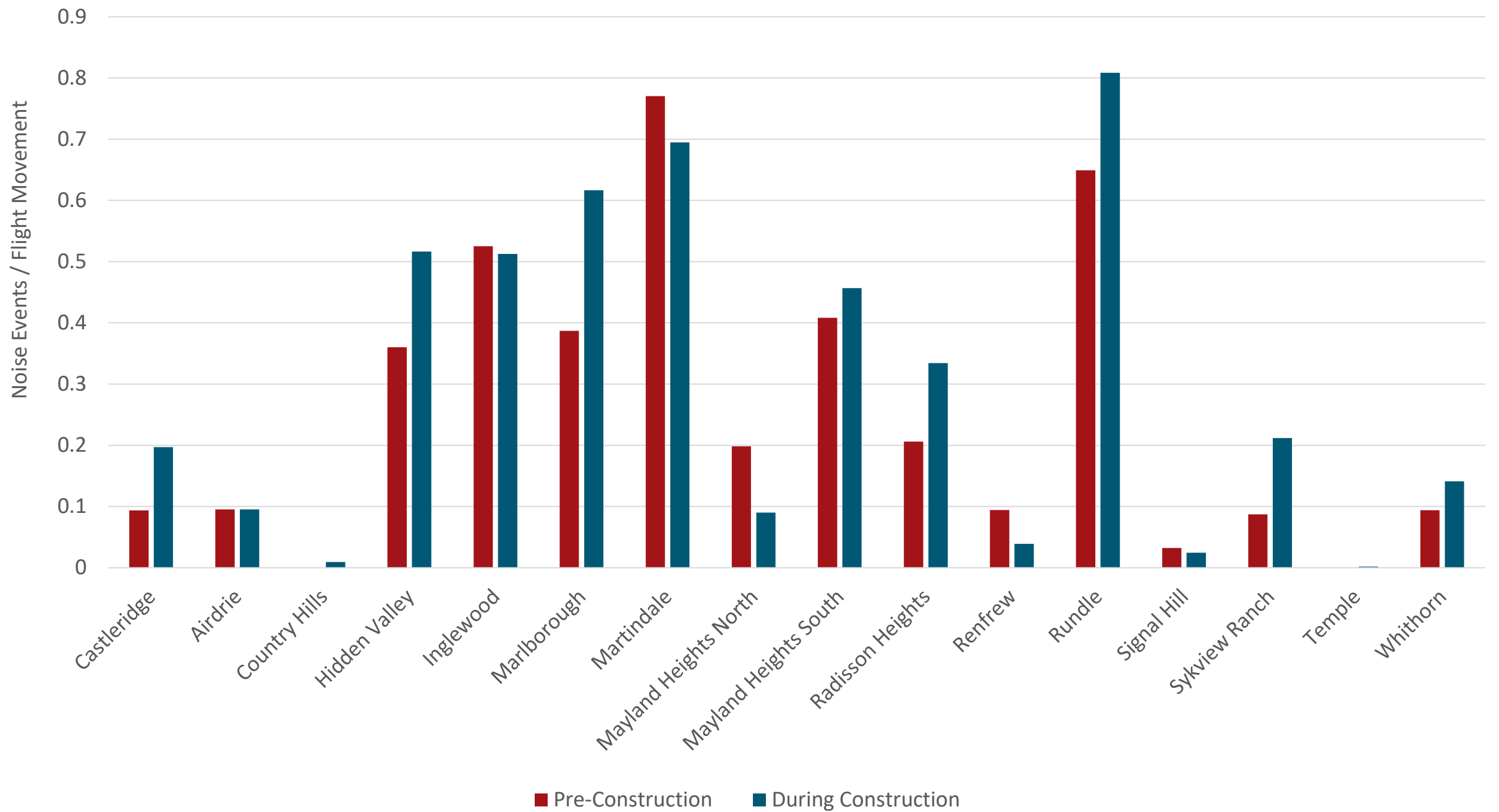


Period    a. Pre-Construction (Spring 2023)    b. During Construction (Spring 2024)

DNL (dBA) for Aircraft Noise Events









# ACCC MEMBERS SURVEY OVERVIEW

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## *SCOPE & KEY TAKEAWAYS*



# ACCC Members Survey Results & Overview

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## **Survey Scope:**

- **11 Questions** to gather valuable feedback.
- **Key Focus Areas:**
  1. Satisfaction with ACCC
  2. Meeting dates and formats
  3. Suggestions for improvement
  4. Future topics and engagement opportunities



# Key Takeaways

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## Member Satisfaction:

- **Overall Satisfaction:** High satisfaction with current meeting materials and structure.

## Areas for Improvement:

- **Engagement:** Need for more opportunities to ask questions.

## Meeting Preferences:

- **Format:** Majority prefer In-person or Hybrid meetings.
- **Timing:**
  - Preferred Weeks: Second or Third week of the month.
  - Preferred Days:
    - Tuesday
    - Wednesday
    - Thursday

## Interest in Events:

- **Tours/On-Campus Events:** 100% interest in participation.

## Additional Feedback:

- More information on noise impacts from aircraft and different runway use.
- Future guests could be individuals who have operational roles and can shed light on how operations are conducted.



# MEMBER ROUND-TABLE

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- QUESTIONS & FEEDBACK
  - NEXT MEETING: SEPTEMBER 19
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