LAFARGE

AIRPORTS & RUNWAYS

QUICK FACTS

CLIENT: EDMONTON REGIONAL **AIRPORTS** AUTHORITY

START DATE: 2017

> **END DATE:** 2019

CONTRACT VALUE: \$12,300,000

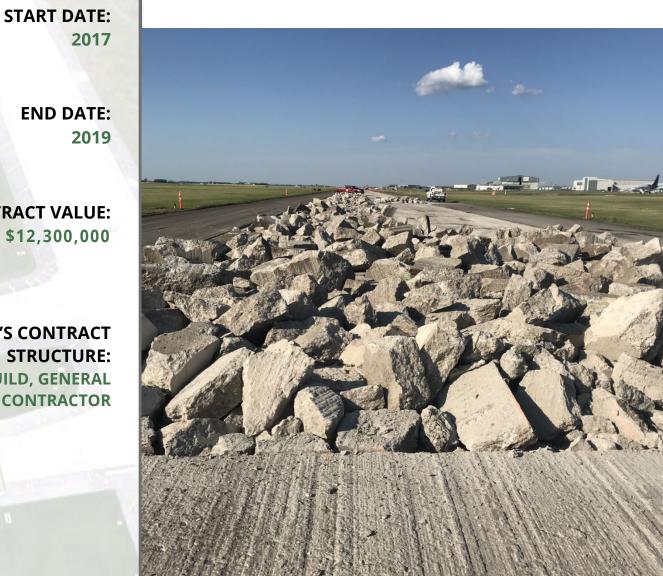
LAFARGE'S CONTRACT **STRUCTURE: BID - BUILD, GENERAL**

EDMONTON INTERNATIONAL AIRPORT TAXIWAY BRAVO REHABILITATION

EDMONTON, ALBERTA

PROJECT DESCRIPTION

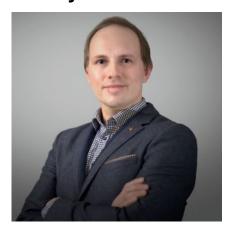
This project was a 3-year major rehabilitation at the International Airport that included improvements to Taxiway Bravo, North Airside Service Road, Runway 12-30, Manhole 18, and Main Apron. The construction included asphalt paving concrete PCCP panel repairs, subgrade preparation and aggregate placement Lafarge also managed multiple subcontractors and followed the various airside restrictions within the project limits.





EFFECTIVE LEADERSHIP

PROJECT SPONSOR



ANDREW MELNYCHUK

PROJECT SUPERINTENDENT



KEVIN DEY

PROJECT COORDINATOR



TREVOR DIDUCK

EIA TAXIWAY BRAVO

PROJECT CHALLENGES AND SOLUTIONS

Quality Management:

- Milling to required depths and meeting low tie ins
- Asphalt compaction, avoiding misleading results
- Challenging concrete from Nisku and portable plants

Environmental Management:

- Preventing foreign object damage and debris
- Excessive waste gravel and materials being hauled off site

Risk Management:

- Getting crews and equipment onto site in the airfield
- Respecting the boundaries of work site
- Utilizing GARDA escorts on-site

Actions Taken and Lessons Learned:

- Always have consultant walk through layouts before saw cutting begins to avoid issues raised after work is complete
- Take photos of everything, particularly the uncommon aspects of the worksite
- Verbal communication and confirmation vs. confirmation through e-mail
- Be firm on expectations of sub-contractors
- Uploading all forms, information, and data onto the group drive in a timely manner
- Finding compromise to ensure future work



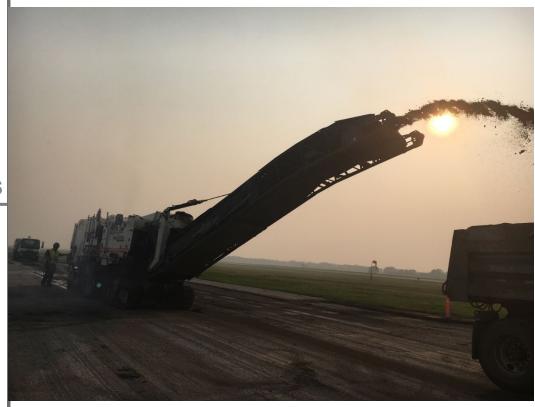


VOLUME OF MATERIALS

- Asphalt 19,000 Tonnes
- Aggregate 1,200 Tonnes
- Concrete PCCP Panels 3,500 m³

REFERENCES

- **Company:**Edmonton Regional
 Airports Authority
- Name: Mary Coyne
- **Phone:** (780) 8909 4883
- **Email:** mcoyne@flyeia.com







COMMENTARY ON MEETING CLIENT EXPECTATIONS

- Lafarge completed a number of key projects at EIA in 2018, including important gate repairs and ~1300m of Taxiway repairs.
- This included approximately 11,000t of asphalt placed covering 40,180m² of taxiway and patching (keel and off keel)

