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Subject: Extension of Taxiway Bravo Construction Sequencing

Commencing in June of 2026, the City of Peterborough is proceeding with construction of a 1,500-foot extension to taxiway Bravo at Peterborough Regional Airport. The western extent of the taxiway will consist of a holding bay that can accommodate Code B Aircraft with wingspans of up to 23.9m. The work will be completed in phases in accordance with a Plan of Construction as described below.

Plan of Construction

The construction process and various phases will be completed in accordance with an approved Plan of Construction Operations (PCO). This plan outlines the construction phasing, safety mitigation measures, and operational procedures to ensure that work is completed safely while maintaining airport operations in accordance with the Airport Operating Certificate.

The PCO defines elements such as obstacle management, temporary closures, operating restrictions, contractor access routes, safety barricades and delineation, runway markings, displacements, and communication protocol to ensure that aerodrome standards are maintained throughout the construction period.

Implementation of TP312 5th Edition – Obstacle Limitation Surfaces

Due to technical considerations, the implementation of TP312 5th Edition Obstacle Limitation Surface standards and removal of the displacement on Runway 27 has been delayed and is under further review between Transport Canada and the airport. As a result, the airport is limited to using standards under the current airport operating certificate.

As a result, Runway 09-27 will be downgraded from Code 4 to Code 3 Non-Instrument under TP312 4th Edition, Aerodrome Standards and Recommended practices. To accomplish this downgrade, the first 1,100 ft of Runway 09 will be closed to provide a TORA of 5,903 ft.

Timeline and Sequence of Construction

The timeline for construction of the taxiway is estimated to occur over three (3) to four (4) months commencing June 1st to October of 2026. The work will be completed under three phases as described below.

Phase 1: Construction Staging and Access Road – June 2026

During Phase 1 the Contractor will establish the construction staging and laydown area near Private Tiedown Apron and Taxiway Charlie, install erosion and sediment controls, install temporary signage, and complete required access road improvements along Aviator Drive and the access road adjacent to Taxiway Charlie.

Portions of Aviator Drive, west of the recreational hangars, will be widened and improved to support construction vehicle access layby areas to create access to the construction site. This roadway will be the primary haul route for equipment and material to and from the construction area, anticipate increase activity along this route throughout the summer.

Phase 2: Parallel Section Taxiway Bravo – June to September 2026

During Phase 2, the parallel portion of Taxiway Bravo will be constructed. As a result, the following operational impacts will be implemented:

- The first 1,102 ft of Runway 09 will be closed to downgrade Runway 09-27 from Code 4 to Code 3.
- The declared distances for Runway 09-27 will be as follows:

RWY 09 TORA 5903 TODA 6198 ASDA 5903 LDA 5903
RWY 27 TORA 5903 TODA 5903 ASDA 5903 LDA 5294
- 09 Runway End Identification Lights (Strobe Lights) Unserviceable
- Runway 09 PAPI Unserviceable

Phase 3: Connection of Taxiway Bravo to Runway 09-27 and Bravo/Hotel

Connecting the new taxiway intersection to runway 09-27 will require excavation and equipment operations within the graded and restricted area of the runway strip. As a result, runway operations will be impacted during this phase of work. The timeline to complete this connection is estimated at two weeks. The connection of the taxiway extension to the Bravo/Hotel intersection will also be completed over a 14-day period, from July 6 to July 19.

Should the work be delayed due to site conditions, weather, or other construction-related factors, an additional two-week contingency period has been accounted for during Weeks 3 and 4, as outlined below.

Week 1 and 2 – July 6 to July 19

- Threshold 09 will be relocated 3,072 ft east.
- The declared distances for Runway 09-27 will be as follows:

RWY 09	TORA	3933	TODA	4228	ASDA	3933	LDA	3933
RWY 27	TORA	3933	TODA	3933	ASDA	3933	LDA	3324
- 09 Runway End Identification Lights (Strobe Lights) Unserviceable
- Runway 09 PAPI Unserviceable
- Taxiway Hotel Closed
- Taxiway Bravo Closed from Taxiway Hotel to Taxiway Delta
- Runway 13-31 Closed
- As a result of the displaced threshold on Runway 27, the available distance between the displaced threshold and Taxiway Delta is estimated to be less than 2,000 feet. During this phase, consideration should be given to aircraft spacing to allow aircraft to backtrack on the runway where required. The Transport Canada aviation safety bulletin, “Staying Safe with Displaced Thresholds,” is available for reference: <https://tc.canada.ca/en/aviation/publications/aviation-safety-letter/issue-4-2024/staying-safe-displaced-threshold>
- For Runway 09 departures from Taxiway Delta, the Takeoff Run Available (TORA) is estimated to be approximately 2,400 feet. Pilots and operators should confirm aircraft performance requirements prior to departure if conducting intersection departures.

Week 3 and 4 – July 20 to August 2

- Daily runway closures during Weeks 3 and 4 are included as a contingency measure should the contractor be unable to complete the required scope of work within the initial two-week construction period.
- During week 3 and 4 the declared distances for Runway 09-27 will be returned to:
RWY 09 TORA 5903 TODA 6198 ASDA 5903 LDA 5903
RWY 27 TORA 5903 TODA 5903 ASDA 5903 LDA 5294
- Runway 09-27 OPEN Monday to Saturday, 0700 to 1500 Local Hours
- Runway 09-27 CLOSED Monday to Saturday, 1501 to 0659 Local Hours
- During runway closures, all aerodrome lighting will be unserviceable and lighted mobile X's will be positioned on the runway to 09-27 mark that the runway is closed.

Pilots and operators are responsible for reviewing all applicable aeronautical information, NOTAMs and operational restrictions prior to flight. Aircraft performance calculations remain the responsibility of the pilot-in-command and/or operator, including confirming that the available runway length and operating conditions are suitable for the intended operation.

Paving of Taxiway

Runway closures for paving operations are anticipated to occur in August. The detailed schedule will be communicated as the project progresses.

Thank you for continued cooperation and understanding during this period of construction. The airport will continue to work closely with stakeholders to manage operational impacts and maintain safe airport operations.

Further updates, including confirmed closure periods, NOTAMs, and operational notices, will be communicated as the project progresses.

Yours truly,



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