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Email: caas_singaporeais@caas.gov.sgURL: www.caas.gov.sgURL: <https://fpl-1.caasaim.gov.sg>**AIP Supplement for
Singapore****AIP SUP
045/2019****Effective from 05 APR 2019****/ 26 OCT 2019****Published on 05 APR 2019****SINGAPORE CHANGI AIRPORT - WORKS SCHEDULE AND MOVEMENT AREA
RESTRICTIONS PERTAINING TO CHANGI EAST DEVELOPMENT WORKS****1 INTRODUCTION**

1.1 This AIP Supplement is to update the aviation industry of the works schedule and movement areas restrictions at Singapore Changi Airport for the period from 05 April 2019 1630UTC to 26 October 2019 2200UTC due to the on-going upgrading programme of Changi East Development Works.

2 CONSTRUCTION ZONES FOR CHANGI EAST DEVELOPMENT WORKS

2.1 Please refer to **Appendix A** for the location of the construction work zones.

3 LONG CLOSURES OF RUNWAY 02L/20R AND RUNWAY 02C/20C

3.1 Runway 02L/20R and Runway 02C/20C will be closed between 1630UTC and 2200UTC nightly from 7 April 2019 to 26 October 2019 for works and maintenance on the dates indicated in columns (b) and (c) respectively. Runway 02L/20R and Runway 02C/20C will remain operational between 1630UTC and 2200UTC on the dates indicated in column (d):

Month (a)	Runway 02L/20R closed (b)	Runway 02C/20C closed (c)	Runways 02L/20R and 02C/20C operational (d)
April 2019	8, 11, 15, 18, 22, 25 and 29	7, 10, 14, 17, 21, 24 and 28	5, 6, 9, 12, 13, 16, 19, 20, 23, 26, 27 and 30
May 2019	2, 6, 9, 13, 16, 20, 23, 27 and 30	1, 5, 8, 12, 15, 19, 22, 26 and 29	3, 4, 7, 10, 11, 14, 17, 18, 21, 24, 25, 28 and 31
June 2019	3, 6, 10, 13, 17, 20, 24, 27 and 30	2, 5, 9, 12, 16, 19, 23 and 26	1, 4, 7, 8, 11, 14, 15, 18, 21, 22, 25, 28 and 29
July 2019	3, 7, 10, 14, 17, 21, 24 and 28	1, 4, 8, 11, 15, 18, 22, 25, 29 and 31	2, 5, 6, 9, 12, 13, 16, 19, 20, 23, 26, 27 and 30
August 2019	1, 5, 8, 12, 15, 19, 22, 26 and 29	4, 7, 11, 14, 18, 21, 25 and 28	2, 3, 6, 9, 10, 13, 16, 17, 20, 23, 24, 27, 30 and 31
September 2019	2, 5, 9, 12, 16, 19, 23, 26 and 30	1, 4, 8, 11, 15, 18, 22, 25 and 29	3, 6, 7, 10, 13, 14, 17, 20, 21, 24, 27 and 28
October 2019	3, 7, 10, 14, 17, 21 and 24	2, 6, 9, 13, 16, 20 and 23	1, 4, 5, 8, 11, 12, 15, 18, 19, 22, 25 and 26

3.2 For Runway 02C/20C closure from 1630UTC to 2200UTC, Taxiway EP between Taxiway L9 and Taxiway E11 will also be closed due to work in progress.

4 SHORT CLOSURES OF RUNWAY 02L/20R and RUNWAY 02C/20C

4.1 Depending on which runway is closed or if both runways remain operational, the runway maintenance closures will be conducted as follows:

- a. Before the closure of Runway 02L/20R between 1630UTC and 2200UTC, a 10 minutes maintenance closure will be conducted on Runway 02C/20C between 1605UTC and 1615UTC, and vice versa.
- b. When the closed Runway 02L/20R or Runway 02C/20C is reopen at 2200UTC, short maintenance closure of 5 minutes scheduled to be conducted daily between 2300-2305UTC and 2320-2325UTC on Runway 02L/20R and Runway 02C/20C respectively (refer to AIP Singapore section WSSS AD 2.12 item 12, paragraphs 1b) and 2b)) will be cancelled. Instead, after the reopening of closed Runway 02L/20R or closed Runway 02C/20C at 2200UTC, a 15 minutes maintenance closure will be conducted on the other runway, i.e. Runway 02C/20C between 2315UTC and 2330UTC or Runway 02L/20R between 2300UTC and 2315UTC respectively.
- c. If both runways remain operational, 30 minutes maintenance closure will be conducted between 1830-1900UTC and 1930-2000UTC on Runway 02L/20R and Runway 02C/20C respectively.
- d. The table below shows the details and the maintenance closure timings depending on which runway is closed or when both runways remain operational.

Scenario	AIP Singapore WSSS AD 2.12 item 12	Addition of 15 minutes RWY maintenance closure	Addition of 10 or 30 minutes RWY maintenance closure
	Cancellation of 5 minutes RWY maintenance closure		
RWY 02L/20R closed 1630-2200UTC	RWY 02L/20R 2300-2305UTC	RWY 02C/20C 2315-2330UTC	RWY 02C/20C 1605-1615UTC
RWY 02C/20C closed 1630-2200UTC	RWY 02C/20C 2320-2325UTC	RWY 02L/20R 2300-2315UTC	RWY 02L/20R 1605-1615UTC
RWY 02L/20R and RWY 02C/20C remain operational 1630-2200UTC	Not applicable	Not applicable	RWY 02L/20R 1830-1900UTC RWY 02C/20C 1930-2000UTC

5 MARKING AND LIGHTING

5.1 All unserviceable areas on taxiways or aprons will be demarcated by marker boards. The marker boards will be painted in alternate bands of red and white, and will be lighted at night and during limited visibility conditions by omni-directional fixed red lights.

5.2 All unserviceable areas 105m from Runway 02C/20C centreline will be demarcated by marker boards placed parallel to Runway 02C/20C. The marker boards will be painted in alternate bands of red and white.

6 PRECAUTIONS

6.1 During the construction period, pilots are to take note of the following at the work areas as shown in **Appendix A**:

- a. Presence of construction equipment beyond 105m from Runway 02C/20C centreline and on the northern and southern ends of Runway 02C/20C threshold.
- b. All construction equipment will be kept clear of the obstacle free zone when Runway 02C/20C is operational.
- c. Emergency response and evacuation plan (for removal of machinery and manpower) will be in place in case of any airport emergency.
- d. Runway 02C/20C will be closed between 1630UTC and 2200UTC on the dates specified in paragraph 3.1. All aircraft operators operating during these periods are to plan to carry sufficient contingency fuel as only one runway will be available.

7 CHANGES

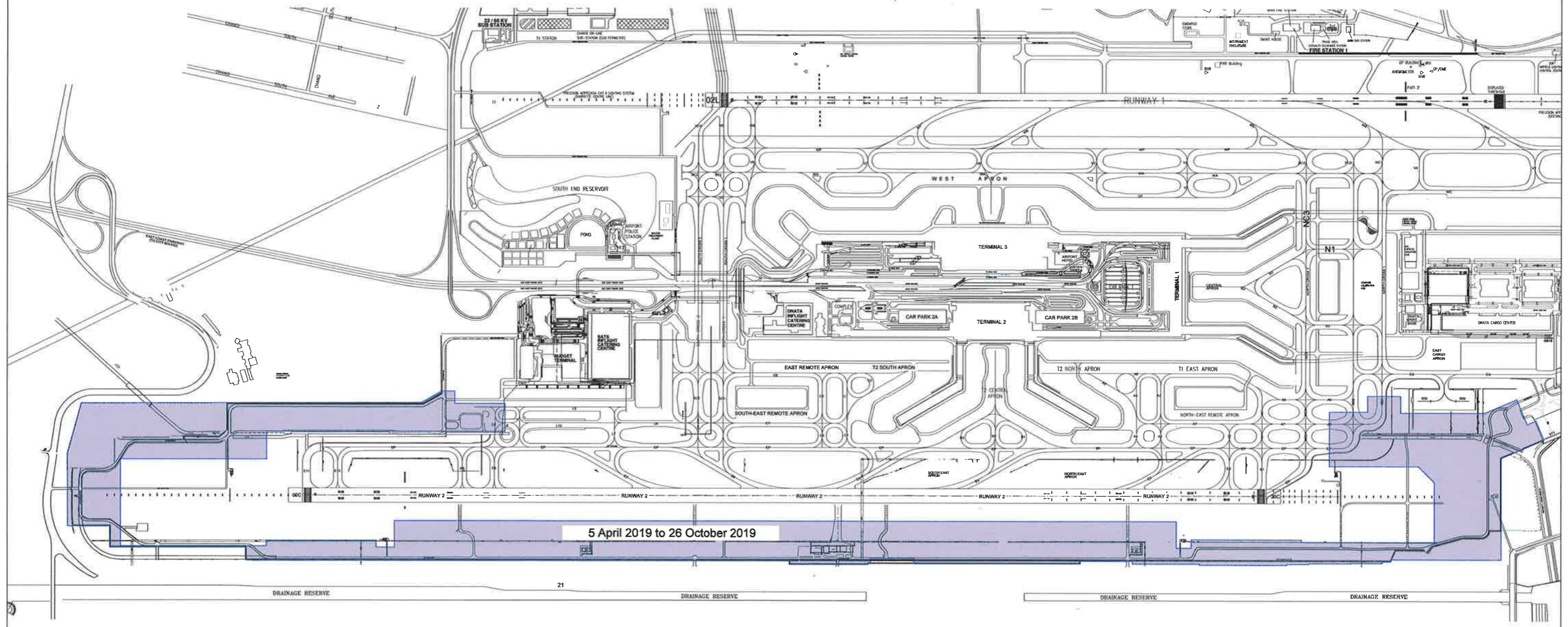
7.1 This AIP Supplement supersedes AIP Supplement 017/2019 published on 28 February 2019.

7.2 Any changes to the contents of this AIP Supplement will be notified through NOTAM.

Location of the construction work zones [Appendix A](#)

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Changi East Work Location



5 April 2019 to 26 October 2019

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