SINGAPORE CHANGI AIRPORT - WORKS SCHEDULE AND MOVEMENT AREA RESTRICTIONS PERTAINING TO DIVERSION OF AIRSIDE SERVICES AND SOIL IMPROVEMENT 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 24 March 2017 2201UTC to 28 October 2017 2200UTC due to the on-going upgrading programme to divert the airside services infrastructure and carry out soil improvement and other associated works.

2 CONSTRUCTION ZONES FOR AIRSIDE SERVICES DIVERSION
2.1 Please refer to Appendix A for the location of the construction works zones.

3 CONSTRUCTION ZONES FOR SOIL IMPROVEMENT
3.1 Please refer to Appendix B for the location of the construction works zones.

4 LONG CLOSURES OF RUNWAY 02L/20R and RUNWAY 02C/20C
4.1 Runway 02L/20R and Runway 02C/20C will be closed between 1630UTC and 2200UTC nightly from 24 March 2017 to 28 October 2017 for works and maintenance as follows:

<table>
<thead>
<tr>
<th>Month</th>
<th>Runway 02L/20R</th>
<th>Runway 02C/20C</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 2017</td>
<td>3, 6, 10, 13, 17, 20, 24 and 27.</td>
<td>1, 2, 4, 5, 7, 8, 9, 11, 12, 14, 15, 16, 18, 19, 21, 22, 23, 25, 26, 28, 29 and 30.</td>
</tr>
<tr>
<td>May 2017</td>
<td>1, 4, 8, 11, 15, 18, 22, 25 and 29.</td>
<td>2, 3, 5, 6, 7, 9, 10, 12, 13, 14, 16, 17, 19, 20, 21, 23, 24, 26, 27, 28, 30 and 31.</td>
</tr>
<tr>
<td>June 2017</td>
<td>1, 5, 8, 12, 15, 19, 22, 26 and 29.</td>
<td>2, 3, 4, 6, 7, 9, 10, 11, 13, 14, 16, 17, 18, 20, 21, 23, 24, 25, 27, 28 and 30.</td>
</tr>
<tr>
<td>July 2017</td>
<td>3, 6, 10, 13, 17, 20, 24, 27 and 31.</td>
<td>1, 2, 4, 5, 7, 8, 9, 11, 12, 14, 15, 16, 18, 19, 21, 22, 23, 25, 26, 28, 29 and 30.</td>
</tr>
<tr>
<td>August 2017</td>
<td>3, 7, 10, 14, 17, 21, 24, 28 and 31.</td>
<td>1, 2, 4, 5, 6, 8, 9, 11, 12, 13, 15, 16, 18, 19, 20, 22, 23, 25, 26, 27, 29 and 30.</td>
</tr>
<tr>
<td>September 2017</td>
<td>4, 7, 11, 14, 18, 21, 25 and 28.</td>
<td>1, 2, 3, 5, 6, 8, 9, 10, 12, 13, 15, 16, 17, 19, 20, 22, 23, 24, 26, 27, 29 and 30.</td>
</tr>
<tr>
<td>October 2017</td>
<td>2, 5, 9, 12, 16, 19, 23 and 26.</td>
<td>1, 3, 4, 6, 7, 8, 10, 11, 13, 14, 15, 17, 18, 20, 21, 22, 24, 25, 27 and 28.</td>
</tr>
</tbody>
</table>

4.2 For Runway 02C/20C closure from 1630UTC to 2200UTC, Taxiway EP between Taxiways L9 and E11 will also be closed due to work in progress.
5 SHORT CLOSURES OF RUNWAY 02L/20R and RUNWAY 02C/20C

5.1 Reference to AIP Singapore section WSSS AD 2.12 item 12, paragraphs 1b) and 2b), short maintenance closure of 5 minutes which are scheduled to be conducted daily between 2300-2305UTC and 2320-2325UTC on Runway 02L/20R and Runway 02C/20C respectively, will be replaced by a 15 minutes maintenance closure, depending on which runway is closed. The table below shows the details and the maintenance closure timing for each runway.

<table>
<thead>
<tr>
<th>Closure of RWY on dates specified in paragraph 5.1</th>
<th>Cancellation of 5 minutes RWY maintenance closure</th>
<th>Addition of 15 minutes RWY maintenance closure</th>
</tr>
</thead>
<tbody>
<tr>
<td>RWY 02L/20R 1630-2200</td>
<td>RWY 02C/20C 2320-2325</td>
<td>RWY 02C/20C 2315-2330</td>
</tr>
<tr>
<td>RWY 02C/20C 1630-2200</td>
<td>RWY 02L/20R 2300-2305</td>
<td>RWY 02L/20R 2300-2315</td>
</tr>
</tbody>
</table>

6 MARKING AND LIGHTING

6.1 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.

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

7 PRECAUTIONS

7.1 During the construction period, pilots are to take note of the following at the work areas as shown in Appendices A and B:

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 5.1. All aircraft operators operating during these periods are to plan to carry sufficient contingency fuel as only one runway will be available.

8 CHANGES

8.1 Any changes to the contents of this AIP Supplement will be notified through NOTAM.
APPENDIX A

Airside Services Diversion Construction Work Zones

Marker Boards
Service Corridor
Zone S5
24 March 2017 to 28 October 2017
Zone S4
24 March 2017 to 28 October 2017
Zone S3
24 March 2017 - 28 October 2017
Zone S2
24 March 2017 to 28 October 2017
Zone S1
24 March 2017 to 28 October 2017

24 March 2017 to 28 October 2017

24 March 2017 to 28 October 2017

24 March 2017 to 28 October 2017

24 March 2017 to 28 October 2017
Soil Improvement Work Construction Phases and Location

Phase J1
Location A
Location B
Location C

24 March 2017 to 28 October 2017

Phase J2
Location A
Location B
Location C

24 March 2017 to 28 October 2017

Phase J3
Location A
Location B
Location C

24 March 2017 to 28 October 2017

Soil Improvement Work Construction Phases and Location

Location D

24 March 2017 to 28 October 2017