

NORTHERN AIR TRANSPORT ASSOCIATION ANNUAL CONFERENCE

April 27, 2016

Whitehorse



ᐃᑦᑲᐅᓂᓂ ᐱᓐᐃᑦᑲᑦᑲᑦ
ᑦᑲᓂᑲᑲᑦᑲᑦᑲᑦᑲᑦ ᐱᑦᑲᑲᑦᑲᑦ

Iqaluit International Airport Improvement Project

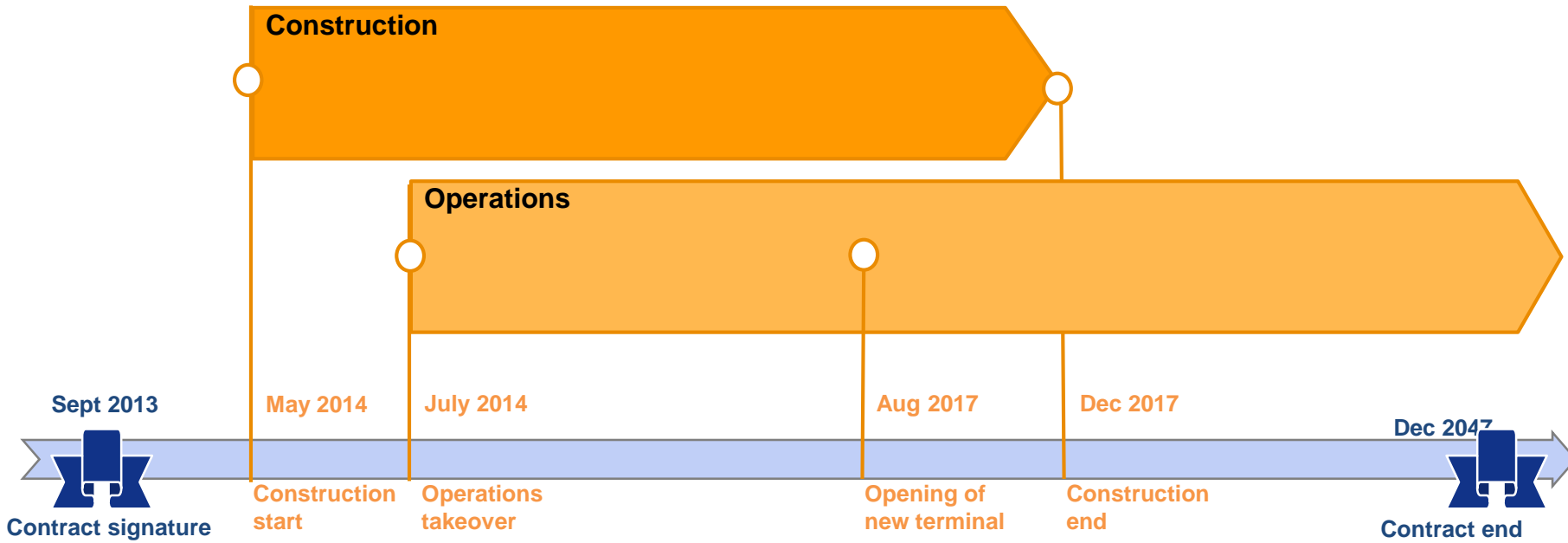
Michael O’Gorman

**Managing Director
Winnipeg Airport Services Corp. (WASCO)**



Agenda

- **Progress**
- **Timeline to opening**
- **2016 Planned Work**
- **Changes to current operations for new ATB**
- **Carrier participation/communication**



Summary of Project



Deliverables



► Existing Iqaluit airport facilities



► A new air terminal building and associated landside elements (the “**ATB**”)



► A new combined services building (the “**CSB**”)



2014

- Excavate
- Foundations
- Airside Preparations
- Assumption of Operations

2015

- Erect steel structure
- Pour concrete slabs
- Building envelope
- Runway Works

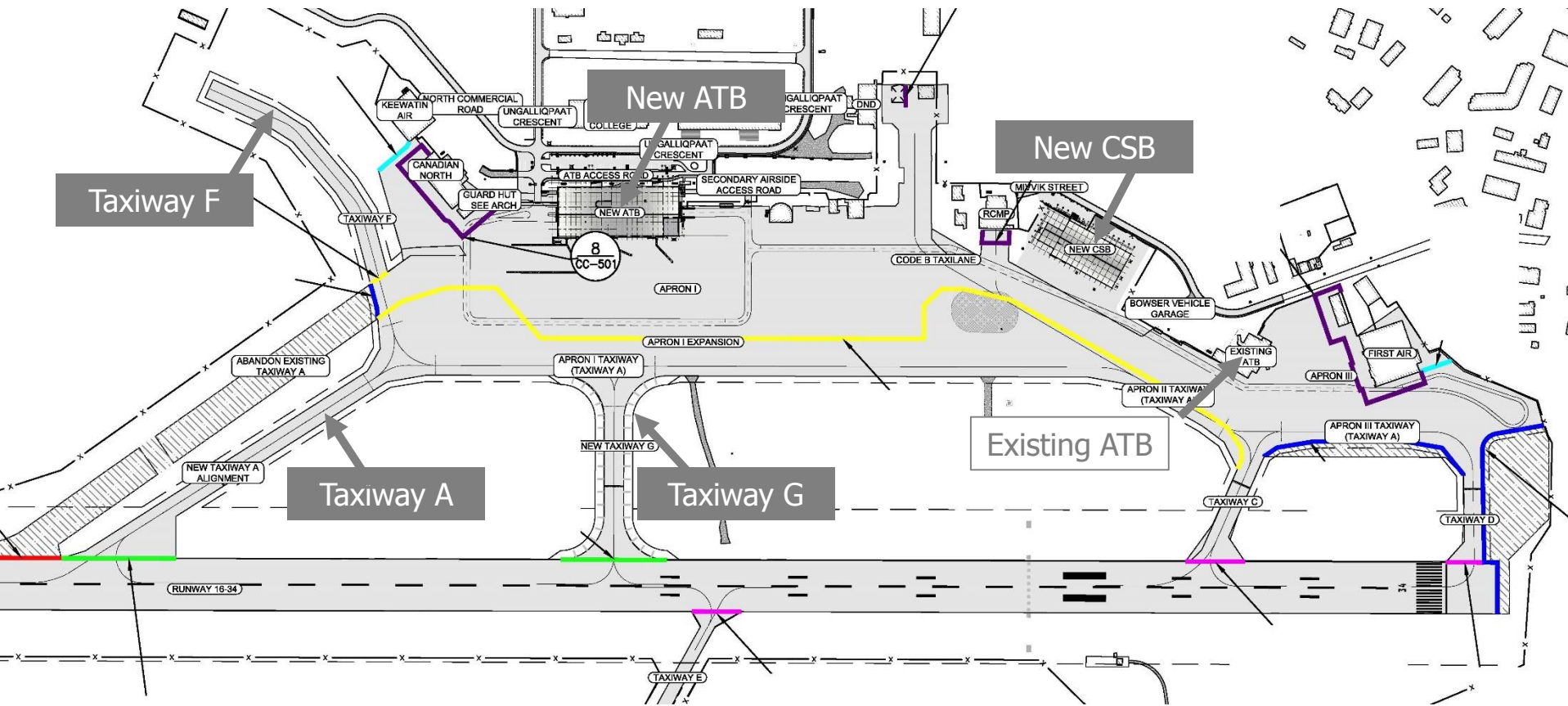
2016

- Mechanical
- Electrical
- Interior architectural
- Runway Asphalt

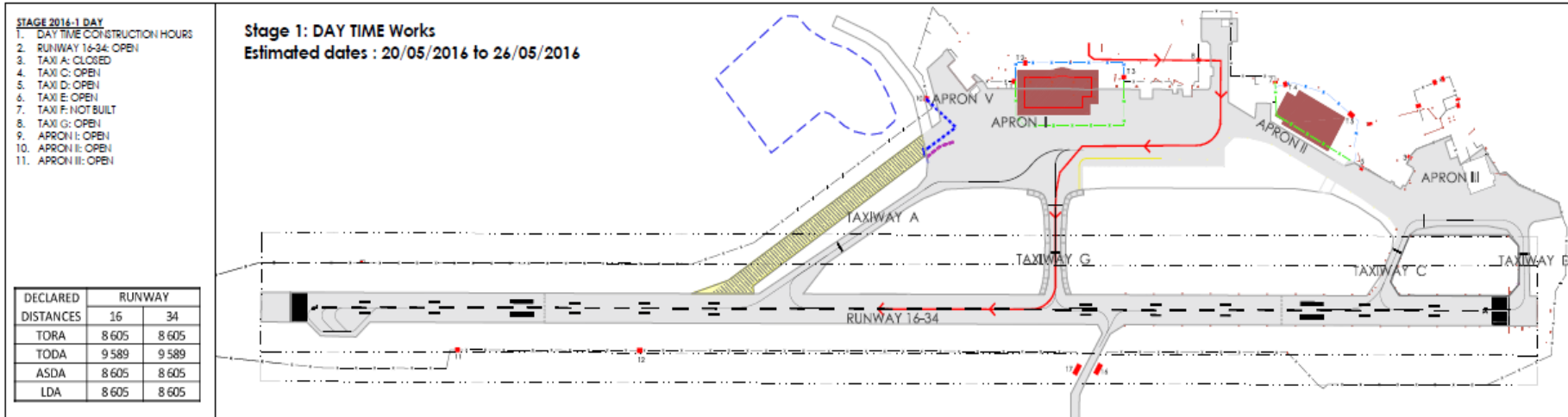
2017

- Testing
- Final Paving
- Commissioning
- Service Commencement

Deliverables



Stage 1: May 15-22

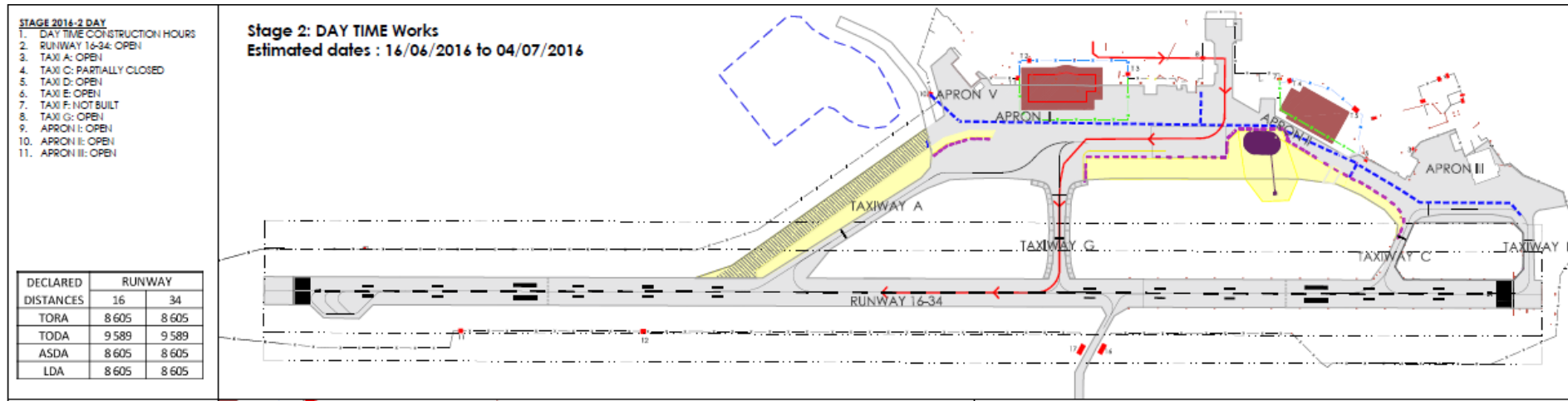


New Taxiway Alpha closed while old Taxiway Alpha is milled.
All other taxiways are open.
Runway length and width; no restrictions.

Stage 2: June 16 – 19

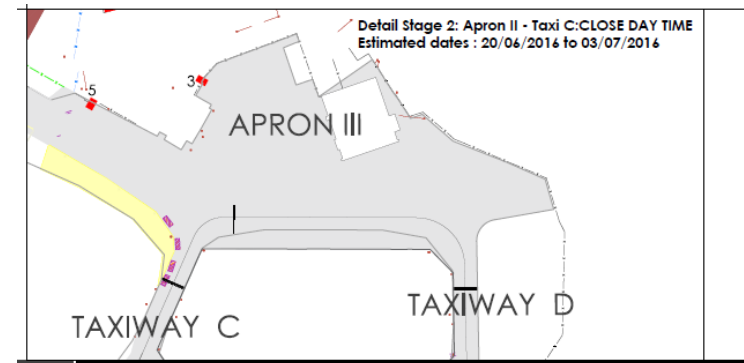
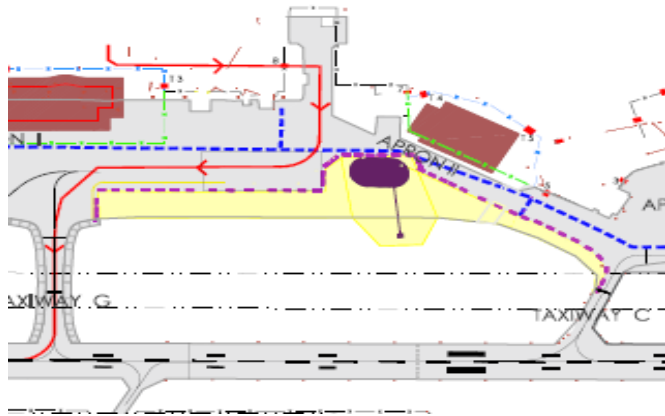
All taxiways and aprons open with construction ongoing in areas highlighted yellow

Runway full width and length, open day and night



Stage 2: June 20 – July 3

- Apron 2 to Taxiway Charlie closed during the day (open at night)



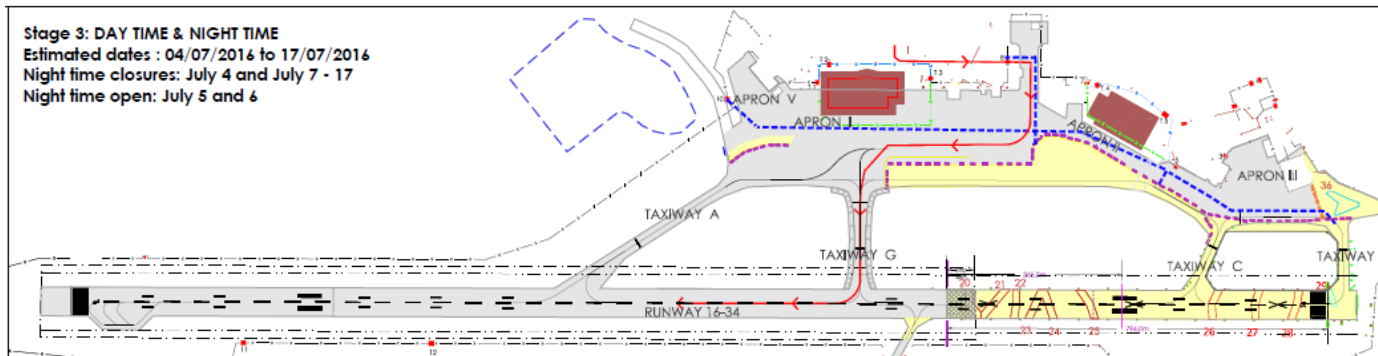
- Apron 3 (main ramp) accessible by Delta only
- Apron 1, Keewatin and Canadian North accessible by Golf and Alpha
- Day and Night parking limited

Stage 3: Runway works July 4 – 14

- Runway night closure July 4; open July 5 and 6
- Runway night closures July 7 – 17; medivac only
- Day & night Runway 34 ILS not in service
- Day & night Runway 16/34 approach lighting not in service
- Runway distances day and night:

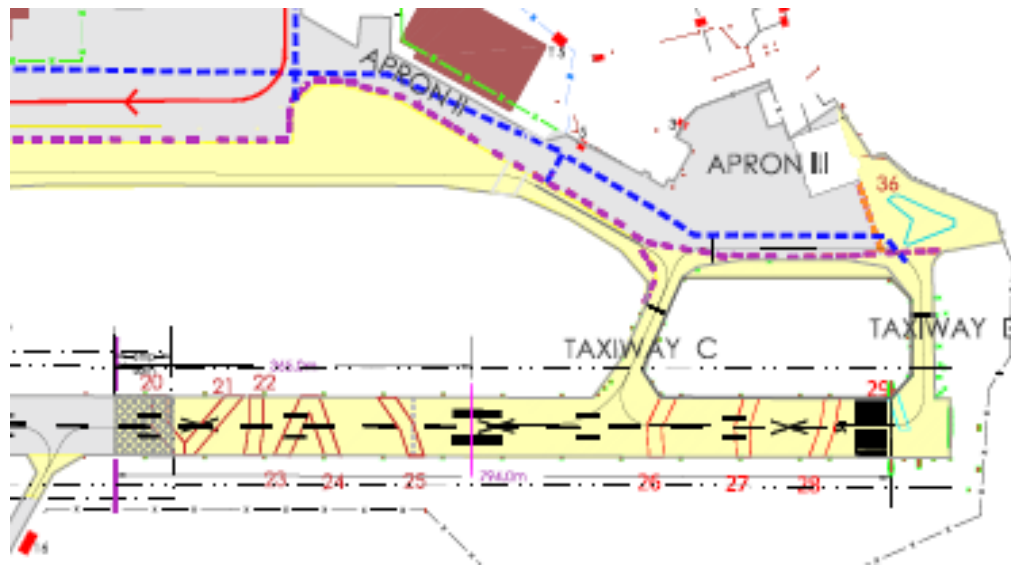
RWY 16 TORA 6000 TODA 6000 ASDA 6000 LDA 6000

RWY 34 TORA 6000 TODA 6984 ASDA 6000 LDA 6000



Stage 3: Taxiway & Aprons July 4 - 14

- Charlie and Delta closed day and night
- Apron II open day; closed night
- Apron III open with restricted size due to construction activities on edge of apron



Stage 3a: Runway Works July 14 - 17

- Runway night closures; medivac only
- Day & night runway 34 ILS not in service
- Day & night runway 16/34 approach lighting not in service
- Runway distances day:

RWY 16 TORA 6000 TODA 6000 ASDA 6000 LDA 6000

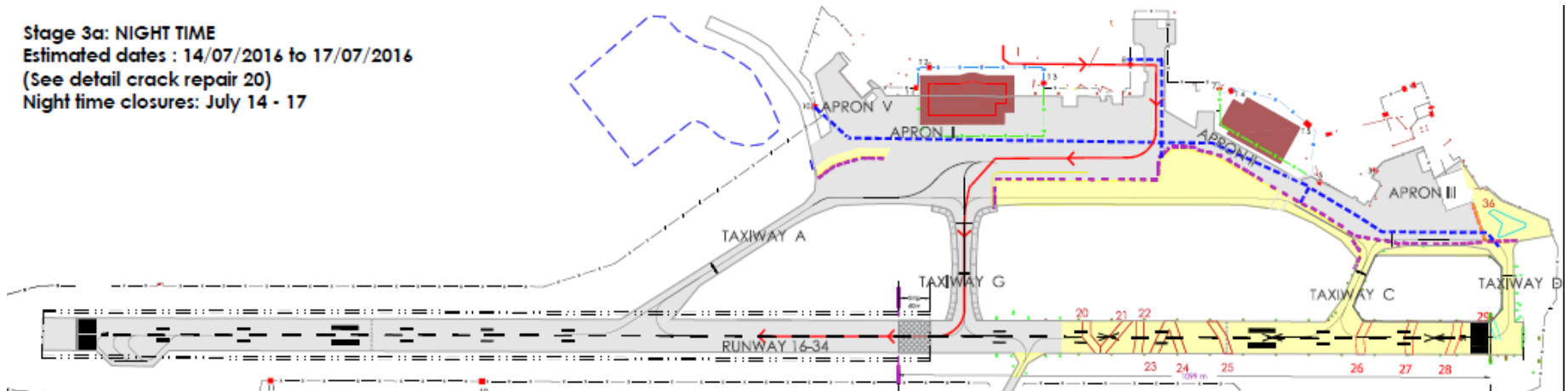
RWY 34 TORA 6000 TODA 6984 ASDA 6000 LDA 6000

- Runway distances night:

RWY 16 TORA 5000 TODA 5000 ASDA 5000 LDA 5000

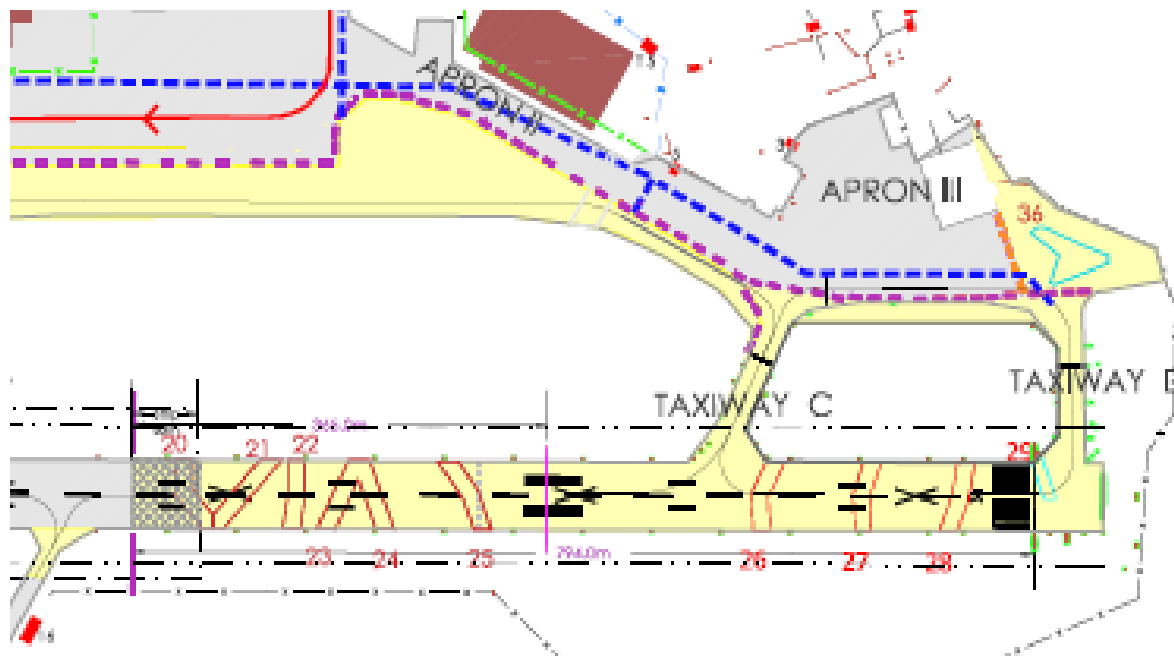
RWY 34 TORA 5000 TODA 5984 ASDA 5000 LDA 5000

Stage 3a: NIGHT TIME
Estimated dates : 14/07/2016 to 17/07/2016
(See detail crack repair 20)
Night time closures: July 14 - 17



Stage 3a: Taxiway & Aprons July 14 - 17

- Charlie and Delta closed day and night
- Apron II open day; closed night
- Apron III open with restricted size due to construction activities on edge of apron



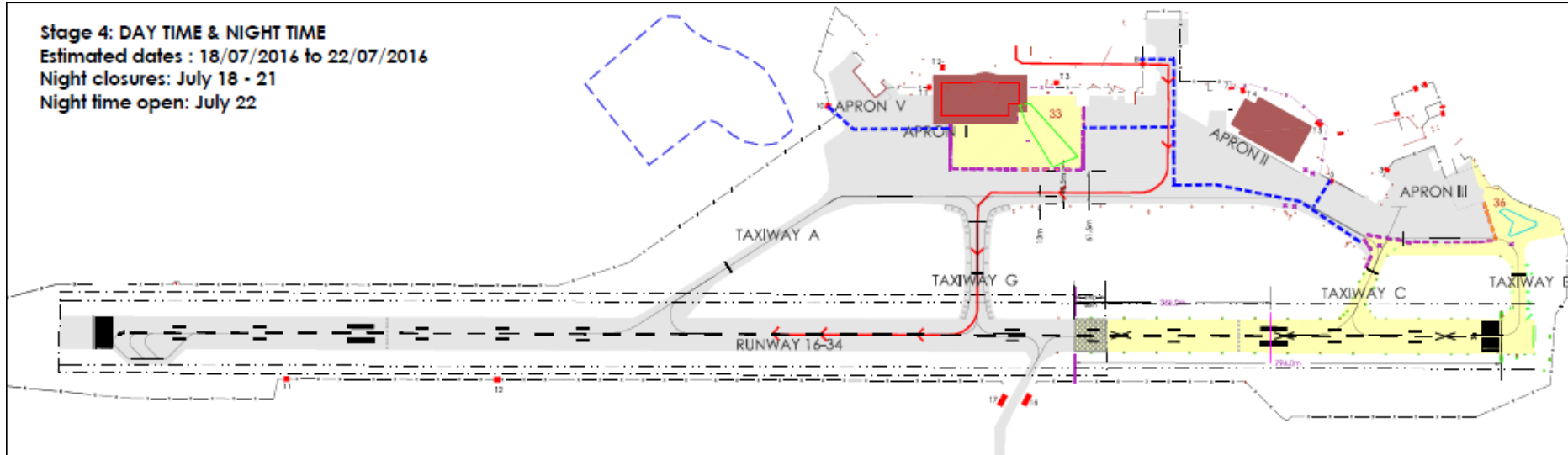
Stage 4: Runway July 18 - 21

- Runway night closures; medivac only
- Day & night runway 34 ILS U/S
- Day & night runway 16/34 approach lighting U/S
- Runway distances day and night:

RWY 16 TORA 6000 TODA 6000 ASDA 6000 LDA 6000

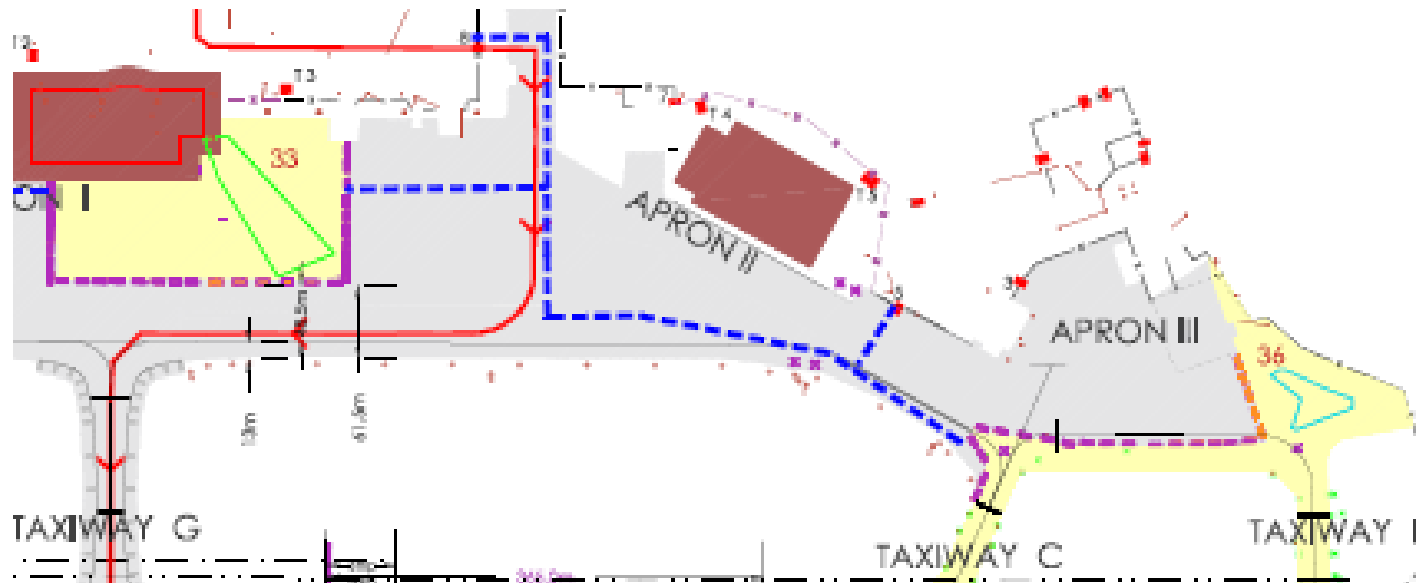
RWY 34 TORA 6000 TODA 6984 ASDA 6000 LDA 6000

Stage 4: DAY TIME & NIGHT TIME
Estimated dates : 18/07/2016 to 22/07/2016
Night closures: July 18 - 21
Night time open: July 22



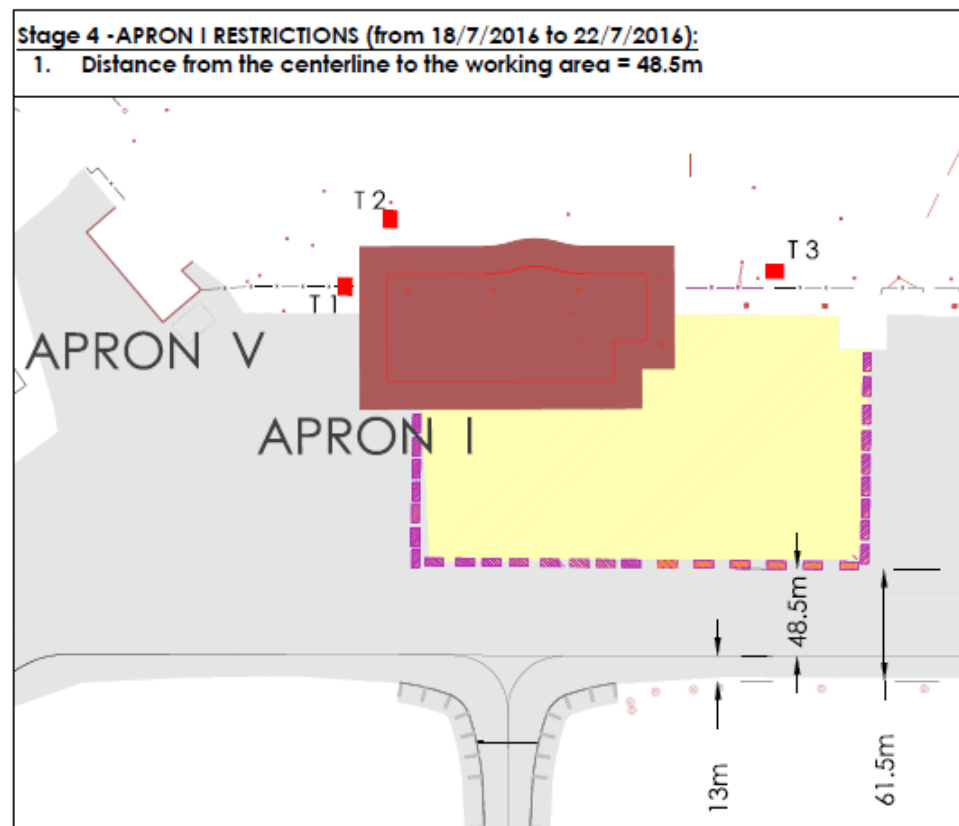
Stage 4: Taxiways July 18 - 21

- Taxiway Alpha open
- Taxiway Golf open
- Taxiway Charlie and Delta closed day and night
- Taxiway Echo open



Stage 4: Aprons July 18 - 21

- Apron I – Open with reduced apron area available
- Apron II – Open daytime, closed night time
- Apron III – open with reduced apron area available



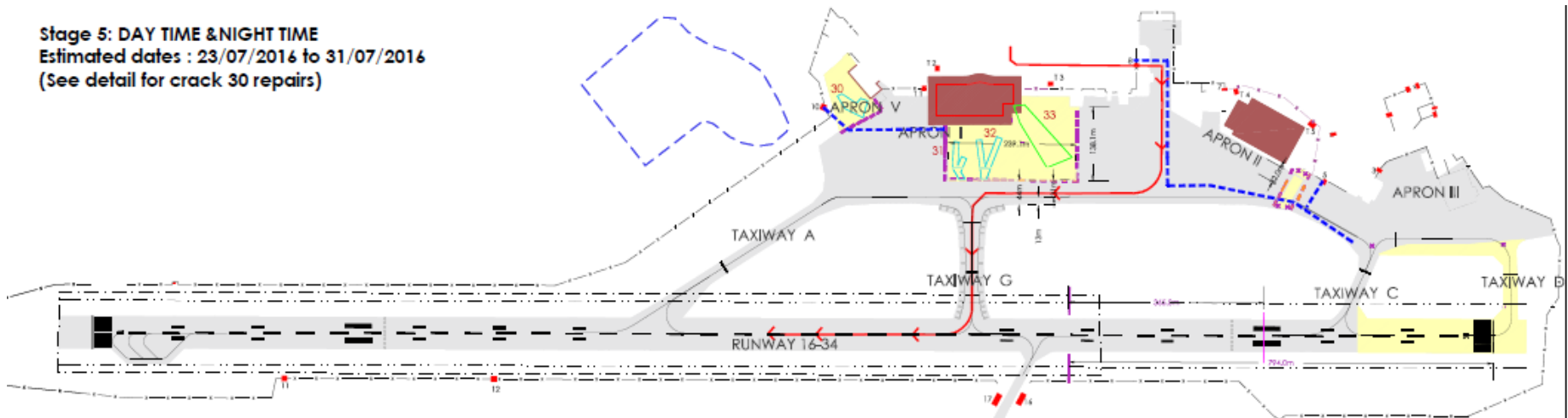
Stage 5: Runway July 23 - 31

- Day & night runway 34 ILS U/S
- Day & night runway 16/34 approach lighting U/S
- Runway distances day and night:

RWY 16 TORA 6000 TODA 6000 ASDA 6000 LDA 6000

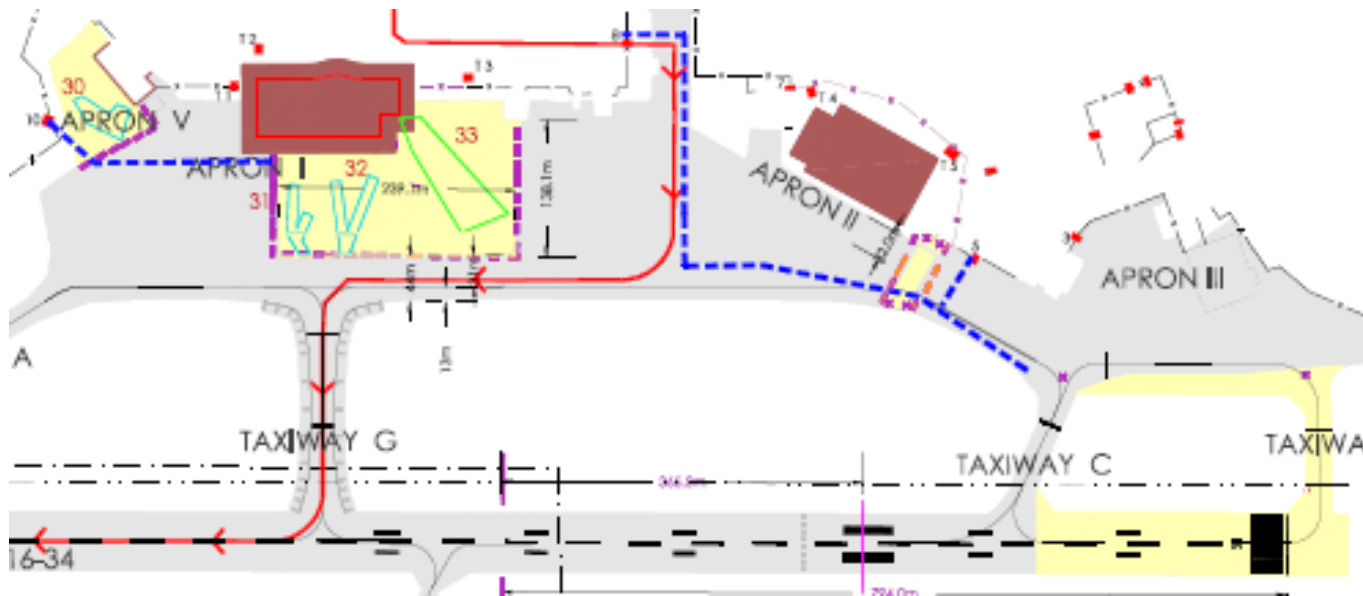
RWY 34 TORA 6000 TODA 6984 ASDA 6000 LDA 6000

Stage 5: DAY TIME & NIGHT TIME
Estimated dates : 23/07/2016 to 31/07/2016
(See detail for crack 30 repairs)



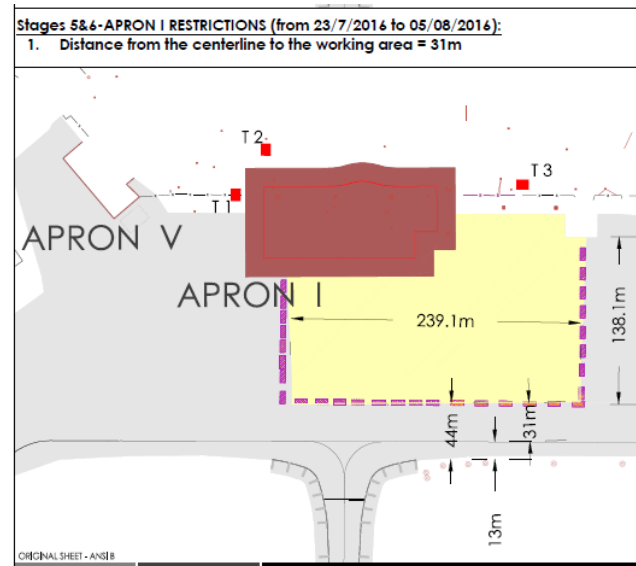
Stage 5: Taxiways July 23 – 31

- Taxiway Alpha reduced in width to code C along Apron I
- Taxiway Golf is open
- Taxiway Charlie is open
- Taxiway Delta is closed

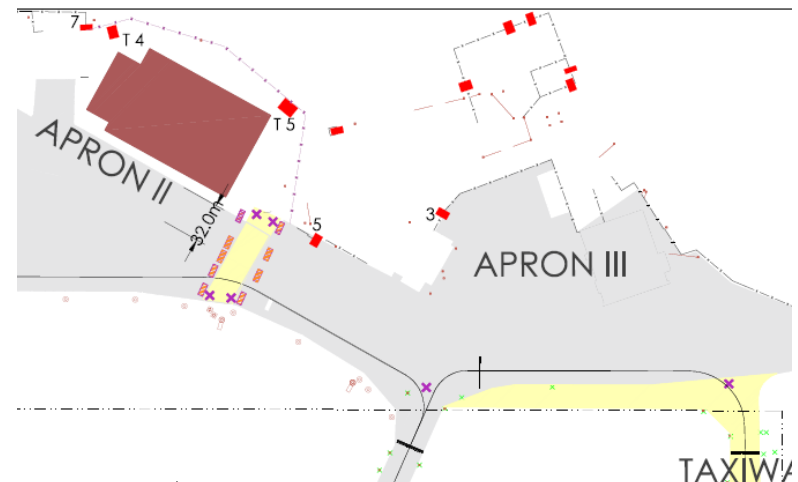


Stages 5 & 6: Aprons July 23 – August 5

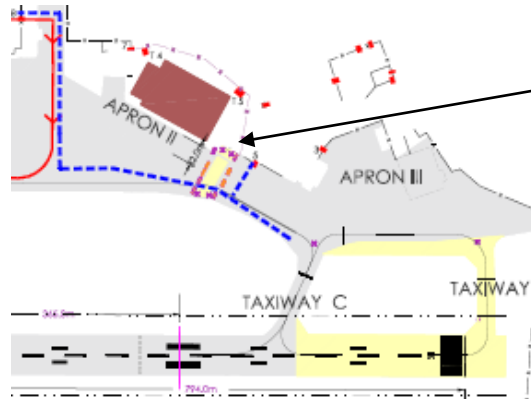
- Apron I – Open with reduced apron area available
- Apron II – closed day and night (alternate vehicle route will be provided – see **Stages 5 & 6 Bus Route slide**)
- Apron III – open
- Apron V – (Canadian North/Keewatin) – open with restrictions



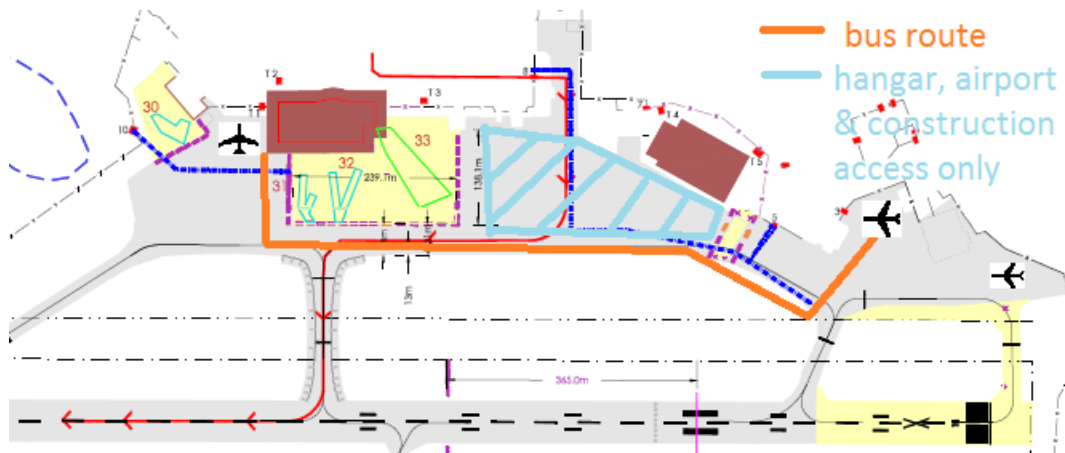
Stages 5&6-APRON II RESTRICTIONS (from 23/7/2016 to 5/8/2016):



Stages 5 & 6: Bus Route July 23 - 31 and July 31 – August 5



Closure in this area, day & night



- Restricted parking availability
- Bus and equipment route will be created adjacent to allow for vehicles along the aprons, not via the runway
- Familiarization and practise drives available July 22 & 23

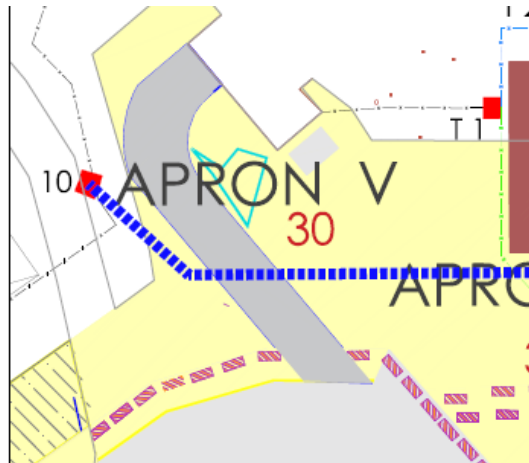
Stages 5 & 6: Apron V July 23 – August 5

Mainly impacts Canadian North & Keewatin

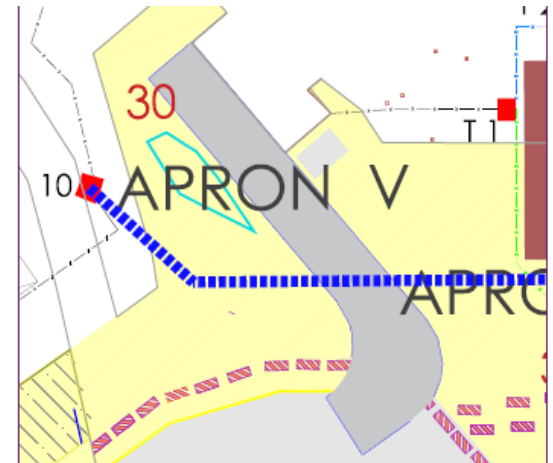
Separate meetings and discussions will be arranged

**DETAIL OF CRACK 30
REPAIRS.**
Done in two phases to
maintain access at
anytime.

ORIGINAL SHEET - ANS1B



PHASE 1



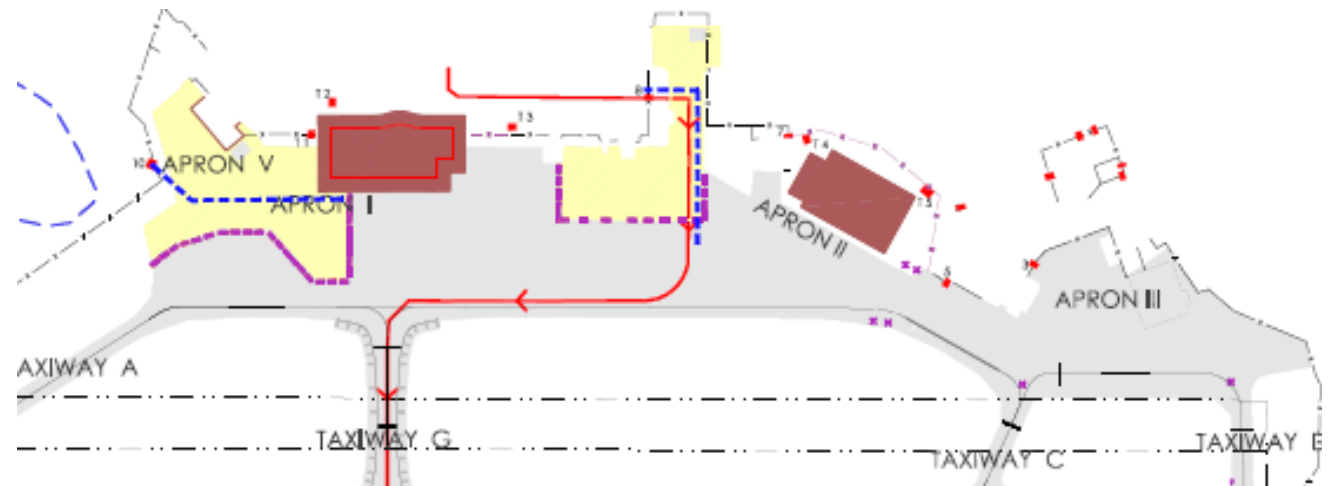
PHASE 2

Stage 6: Runway July 31 – August 5

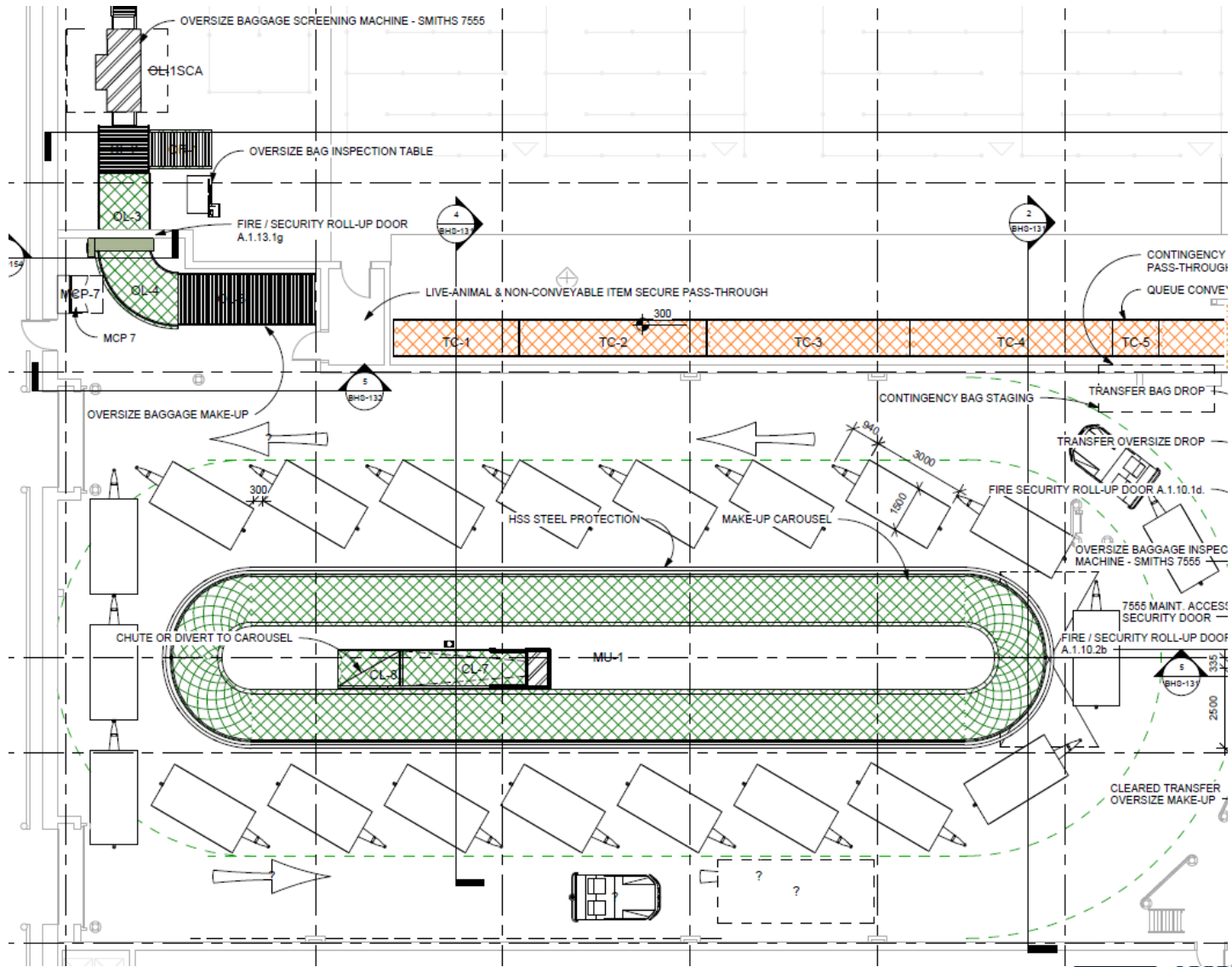
Runway at full length and full width
Open day and night

Stage 7: Taxiways and Aprons August 6 - 13

- Taxiway Alpha reduced in width to code C along Apron I
- Taxiway Golf is open
- Taxiway Charlie is open
- Taxiway Delta is open
- Apron I is open with some restrictions
- Apron II is open
- Apron III is open – with restriction to install new fuel station
- Apron V open with restrictions

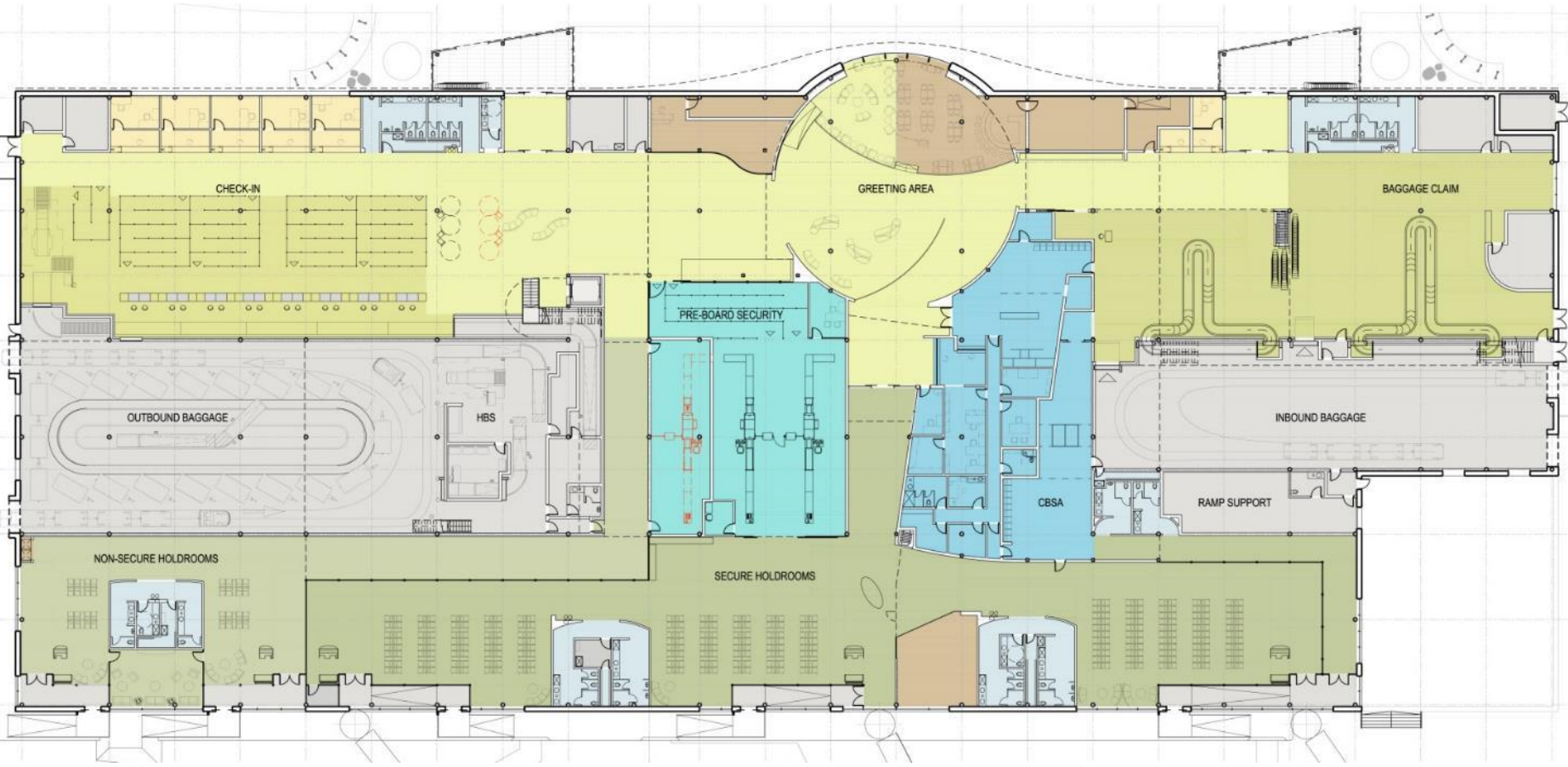


Bag Room Operations



Apron/Bag Room Equipment





Deliverables

ATB – Ground Floor





Deliverables





Progress





Progress





ATB-Post Security









ATB – Interior Airside



ATB – Interior Landside

Project Communication

- Daily Conference call.
 - Air Carriers
 - Nav Canada
 - Government of Nunavut
 - Ground Handlers
 - Transport Canada
- Contact Information Request Sheet



ᐃᑦᐅᐅᐅᐅ ᐱᑦᐃᐅᐅᐅᐅᐅᐅ
ᑦᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅ ᐱᐅᐅᐅᐅᐅ

Iqaluit International Airport Improvement Project

Questions?