

Runway 3R-21L Keel Replacement

ITB NO. 24-101669 - Project Phasing Overview

May 29, 2024



Michael Baker
INTERNATIONAL



Phasing Notes

- The following phasing is representative of what is shown in the design plans
- The airport reserves the right to adjust phasing to accommodate their operations
- Details on specific phasing operations will be coordinated between the airport and contractor during pre-construction



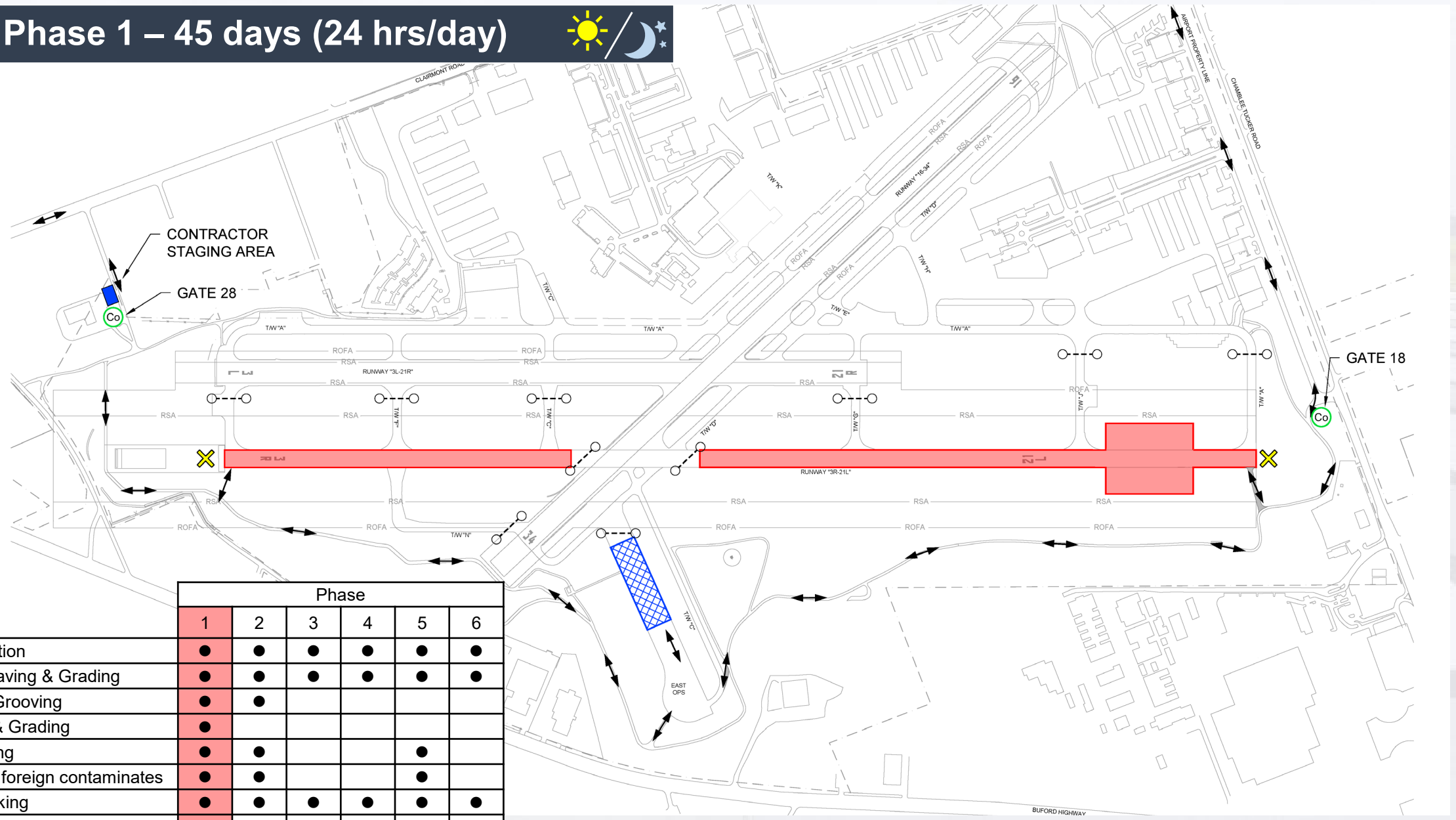
Summary of Work

	Phase					
	1	2	3	4	5	6
Site Demolition	●	●	●	●	●	●
Concrete Paving & Grading	●	●	●	●	●	●
Pavement Grooving	●	●				
Earthwork & Grading	●					
Crack sealing	●	●			●	
Removal of foreign contaminants	●	●			●	
Airfield Marking	●	●	●	●	●	●
Lighting Replacement	●		●			
Erosion Control	●	●	●	●	●	●

 Base Bid
 Additive Bid

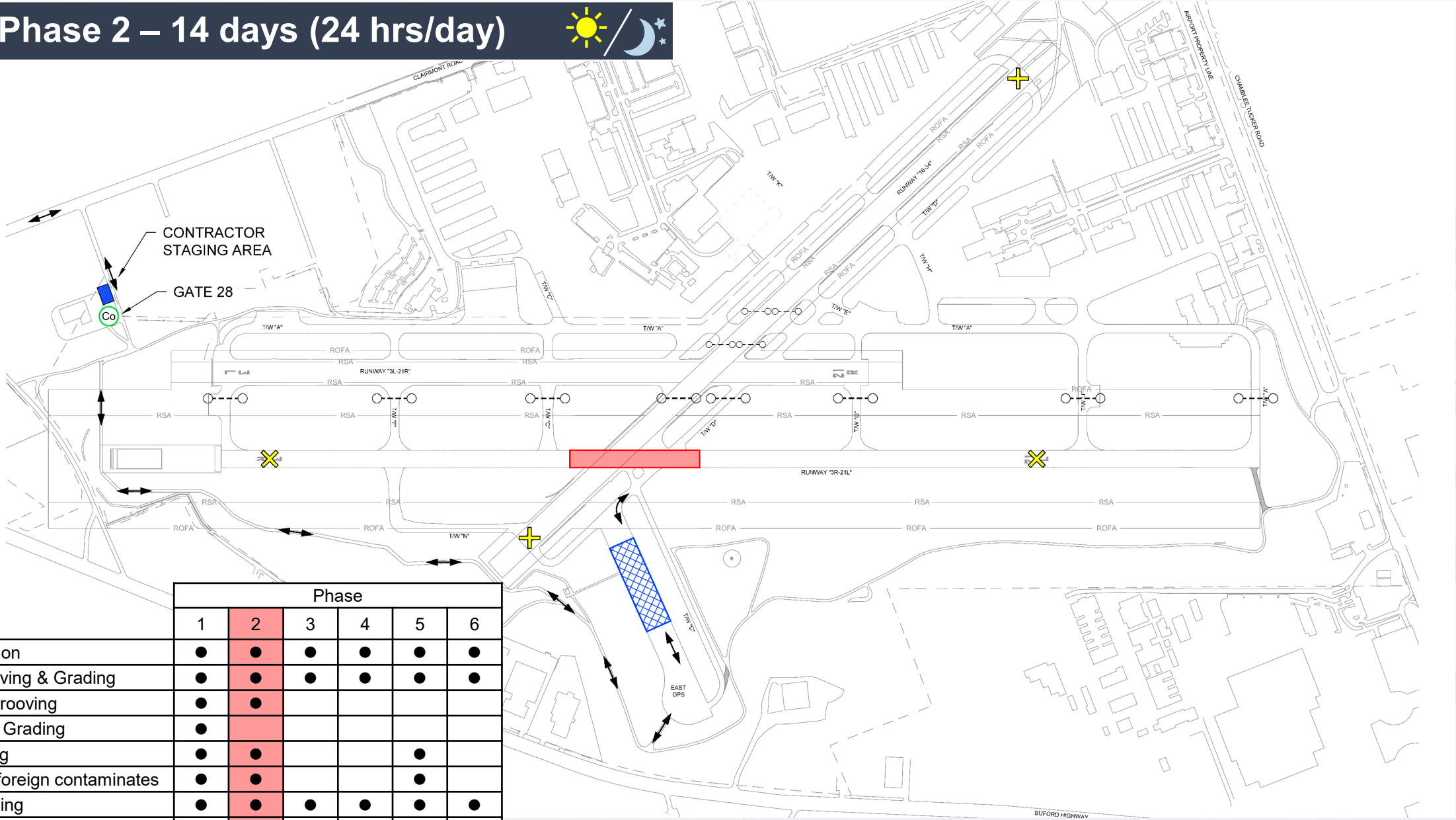


Phase 1 – 45 days (24 hrs/day)



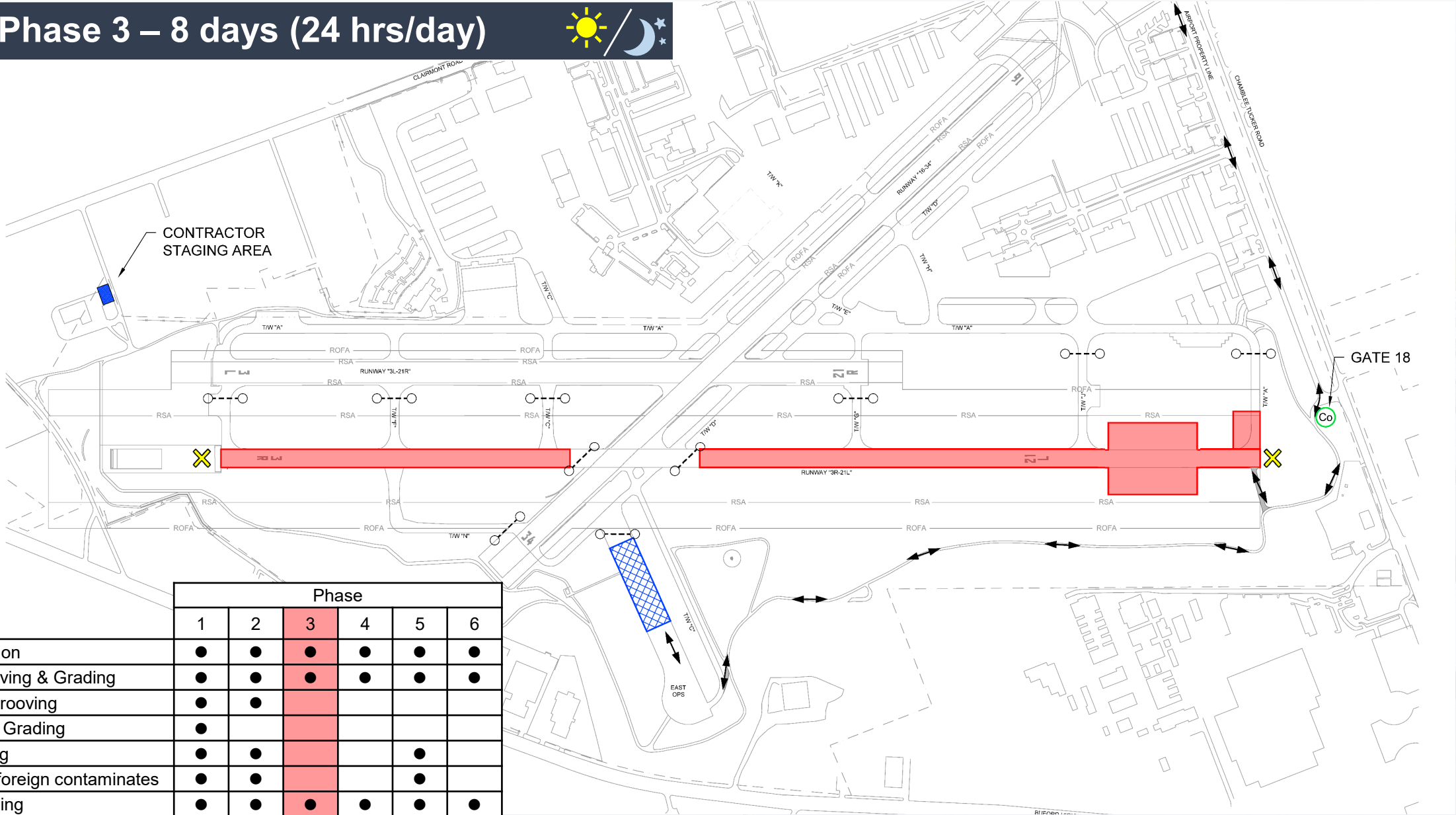
	Phase					
	1	2	3	4	5	6
Site Demolition	●	●	●	●	●	●
Concrete Paving & Grading	●	●	●	●	●	●
Pavement Grooving	●	●				
Earthwork & Grading	●					
Crack sealing	●	●			●	
Removal of foreign contaminants	●	●			●	
Airfield Marking	●	●	●	●	●	●
Lighting Replacement	●		●			
Erosion Control	●	●	●	●	●	●

Phase 2 – 14 days (24 hrs/day)



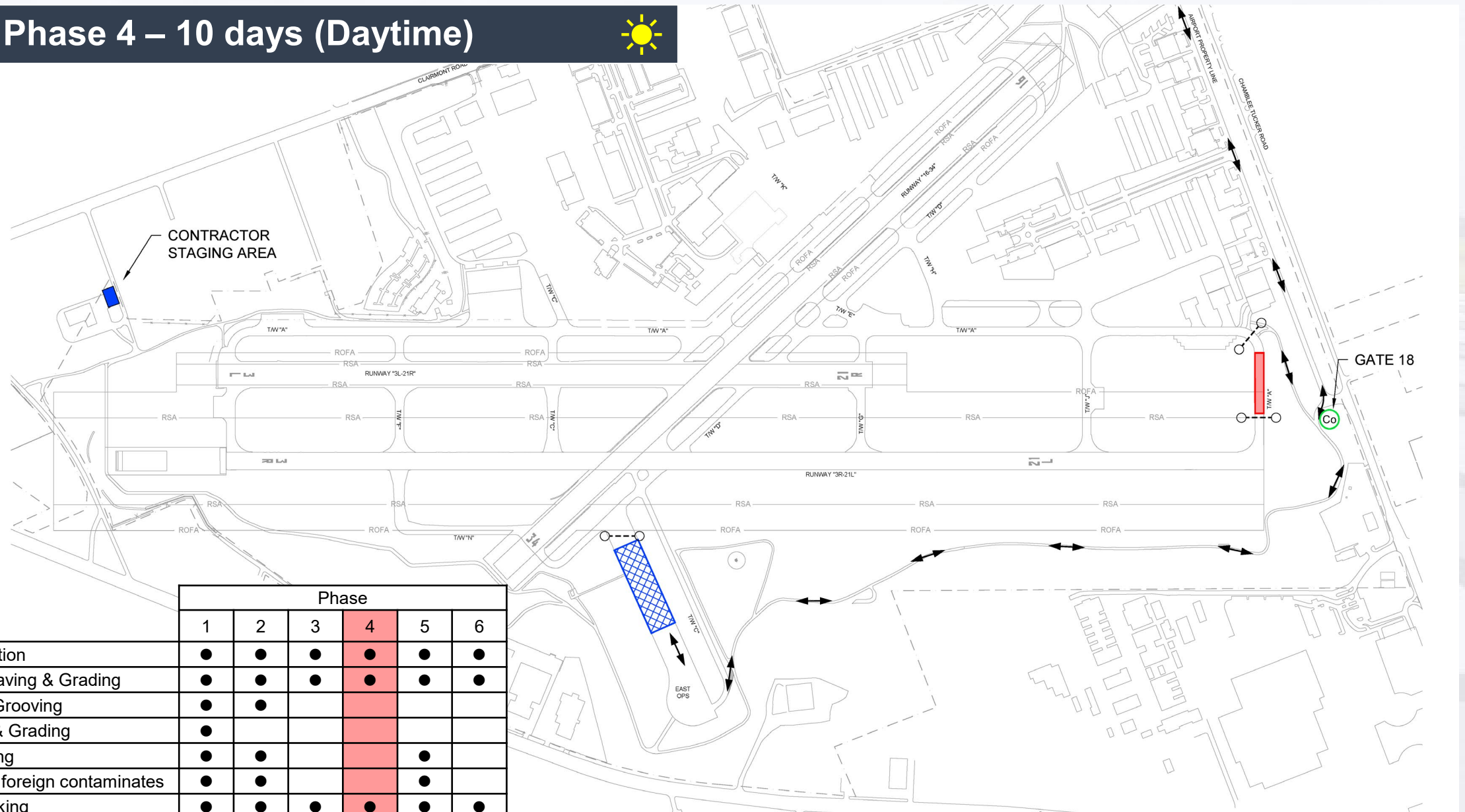
	Phase					
	1	2	3	4	5	6
Site Demolition	●	●	●	●	●	●
Concrete Paving & Grading	●	●	●	●	●	●
Pavement Grooving	●	●				
Earthwork & Grading	●	●				
Crack sealing	●	●			●	
Removal of foreign contaminants	●	●			●	
Airfield Marking	●	●	●	●	●	●
Lighting Replacement	●	●	●			
Erosion Control	●	●	●	●	●	●

Phase 3 – 8 days (24 hrs/day)



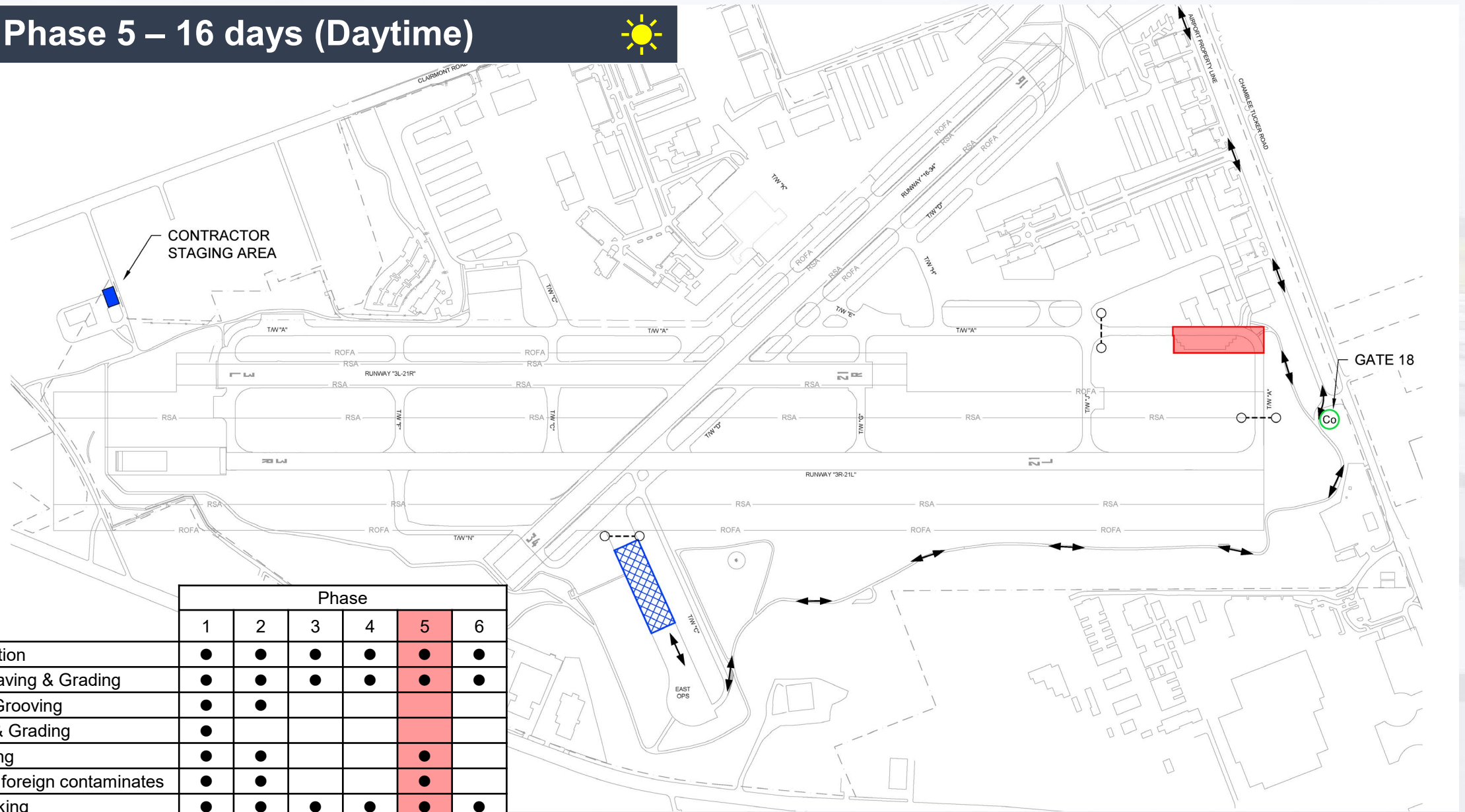
	Phase					
	1	2	3	4	5	6
Site Demolition	●	●	●	●	●	●
Concrete Paving & Grading	●	●	●	●	●	●
Pavement Grooving	●	●				
Earthwork & Grading	●					
Crack sealing	●	●			●	
Removal of foreign contaminants	●	●			●	
Airfield Marking	●	●	●	●	●	●
Lighting Replacement	●		●			
Erosion Control	●	●	●	●	●	●

Phase 4 – 10 days (Daytime)



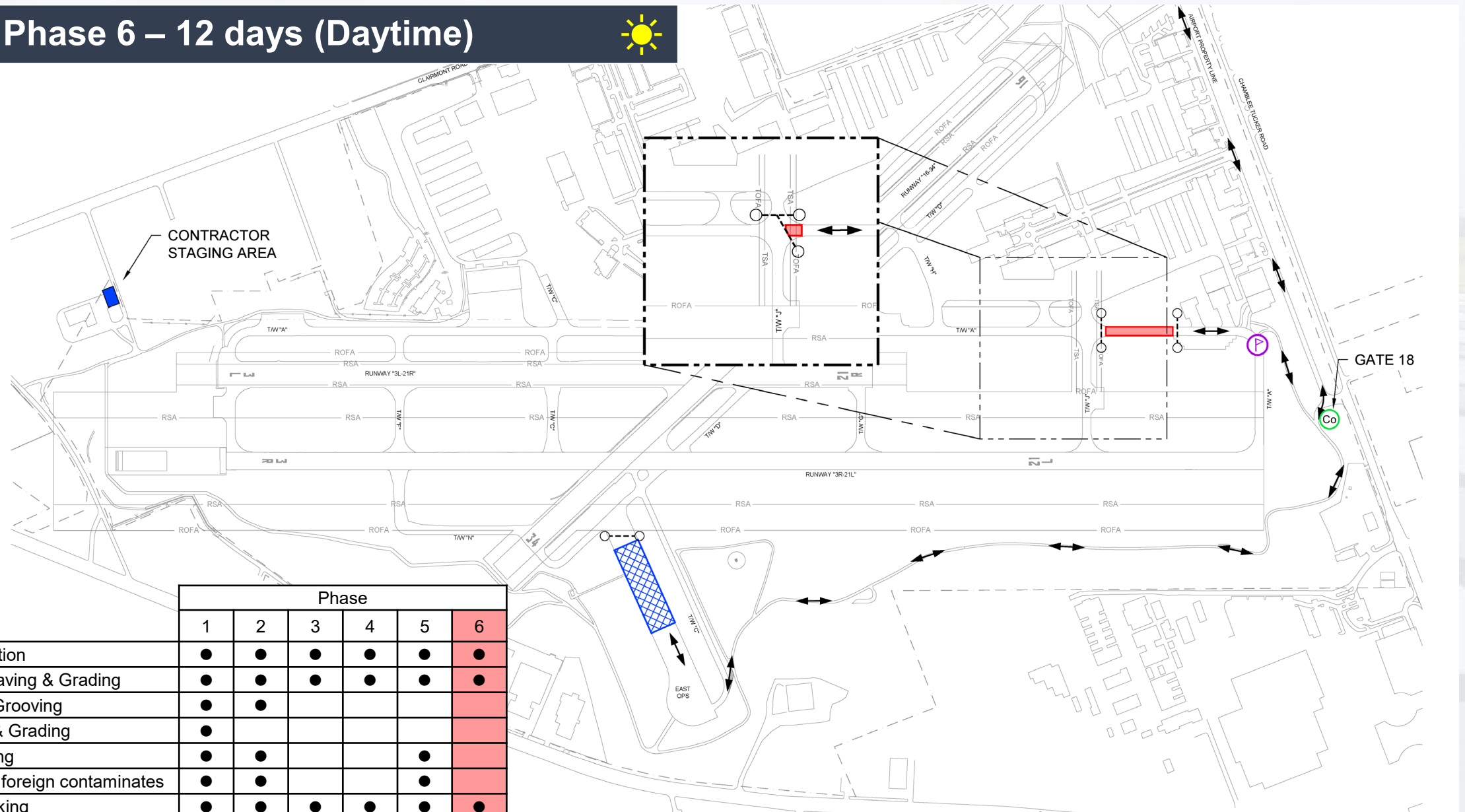
	Phase					
	1	2	3	4	5	6
Site Demolition	●	●	●	●	●	●
Concrete Paving & Grading	●	●	●	●	●	●
Pavement Grooving	●	●				
Earthwork & Grading	●					
Crack sealing	●	●			●	
Removal of foreign contaminants	●	●			●	
Airfield Marking	●	●	●	●	●	●
Lighting Replacement	●		●			
Erosion Control	●	●	●	●	●	●

Phase 5 – 16 days (Daytime)



	Phase					
	1	2	3	4	5	6
Site Demolition	●	●	●	●	●	●
Concrete Paving & Grading	●	●	●	●	●	●
Pavement Grooving	●	●				
Earthwork & Grading	●					
Crack sealing	●	●			●	
Removal of foreign contaminants	●	●			●	
Airfield Marking	●	●	●	●	●	●
Lighting Replacement	●		●			
Erosion Control	●	●	●	●	●	●

Phase 6 – 12 days (Daytime)



	Phase					
	1	2	3	4	5	6
Site Demolition	●	●	●	●	●	●
Concrete Paving & Grading	●	●	●	●	●	●
Pavement Grooving	●	●				
Earthwork & Grading	●					
Crack sealing	●	●			●	
Removal of foreign contaminants	●	●			●	
Airfield Marking	●	●	●	●	●	●
Lighting Replacement	●		●			
Erosion Control	●	●	●	●	●	●

ITB NO. 24-101669

**PROJECT: DEKALB-PEACHTREE AIRPORT
DEKALB COUNTY, GEORGIA
RUNWAY 3R-21L KEEL REPLACEMENT**

DATE: May 29, 2024, 10:00 A.M.

1. GENERAL DIRECTIONS & NOTES

- a) The project has One (1) Base Bid and One (1) Additive Bid schedule of work. Contractors may choose to opt out of the Additive Bid schedule, however, the Base Bid schedule must be bid. If a contractor does not intend to bid on the Additive schedule, he/she must write “NO BID” under that schedule starting on Page 21 and shall also cross out the associated pages of the bid schedule.
- b) Contract Time Special Definitions are as follows:
 - a. Week (night) = 11:00 p.m. – 6:00 a.m.
 - b. Weekend = Friday 7:00 p.m. – Sunday 6:00 p.m.

2. SCOPE OF WORK:

- a) Base Bid Schedule primarily consists of the replacement of all concrete panels inside the Keel (center 50-feet) of Runway 3R-21L and some selected panels outside the Keel. Work under this schedule shall include: full-depth Portland cement concrete pavement replacement, including recycled concrete base course and subgrade repair as needed, runway profile correction, grading and drainage improvements, lighting replacement, lighting adjustments to grade, pavement marking, and erosion control.
- b) Additive Bid Schedule consists of the replacement of all concrete panels on Taxiway Alpha between Runway 21L and connecting Taxiway Juliet. Work under this schedule shall include: full-depth Portland cement concrete pavement replacement, including recycled concrete base course and subgrade repair as needed, grading and drainage improvements, lighting replacement, pavement marking, and erosion control.

3. CONTRACT TIME

The contract term for this project shall be initiated by DeKalb County with a NTP. Within this term, the contractor will be allocated time on the front-end and back-end of the official construction duration. The contract shall terminate, unless extended by change-order, on the date provided by DeKalb County.

The contracted time, in which all work shall be fully completed, will be **105 consecutive calendar days** from the date on the *Construction* Notice to Proceed issued by the Airport.

Construction shall commence on the date specified on the *Construction* Notice of Proceed, as acknowledged by signature of the Contractor. Substantial Completion shall be recognized as 105 consecutive calendar days from the date on the *Construction* NTP, at which point Liquidated Damages will take effect.

4. PROJECT PHASING

The project and its associated bid packages are broken into 6 phases:

BASE BID

Phase 1 (45 days) – 24 hr/day

Closure of Runway 3R-21L and East Ops Apron

- a. Site demolition
- b. Erosion control
- c. Site grading
- d. Airfield concrete paving
- e. Airfield concrete grooving
- f. Crack sealing
- g. Airfield lighting replacement
- h. Airfield marking

Phase 2 (14 days) – 24 hr/day

Closure of Runway 3R-21L, Runway 16-34, and East Ops Apron

- a. Site demolition
- b. Erosion control
- c. Site grading
- d. Airfield concrete paving
- e. Airfield concrete grooving
- f. Crack sealing
- g. Airfield marking

ADDITIVE BID

Phase 3 (8 days)* – 24 hr/day

Closure of Runway 3R-21L, East Ops Apron, and partial closure of Taxiway ‘A’

- a. Site demolition
- b. Erosion control
- c. Site grading
- d. Airfield concrete paving
- e. Airfield lighting replacement
- f. Airfield marking

*To be performed as a continuation of Phase 1, if awarded

Phase 4 (10 days) – Daytime

East Ops Apron and partial closure of Taxiway ‘A’

- a. Site demolition
- b. Erosion control
- c. Site grading
- d. Airfield concrete paving
- e. Airfield marking

Phase 5 (16 days) – Daytime

East Ops Apron and partial closure of Taxiway ‘A’

- a. Site Demolition
- b. Erosion control
- c. Site grading
- d. Airfield concrete paving
- e. Crack sealing
- f. Airfield marking

Phase 6 (12 days) – Daytime

East Ops Apron and partial closure of Taxiway ‘A’

- a. Site demolition
- b. Erosion control
- c. Site grading
- d. Airfield concrete paving
- e. Airfield marking

Sub-phase: East Ops Apron, partial closure of Taxiway ‘A’ and Taxiway ‘J’

- a. Site demolition
- b. Erosion control
- c. Site grading
- d. Airfield concrete paving
- e. Airfield marking

5. DISCUSSION OF TECHNICAL ITEMS AND QUESTIONS:

- Addendum Items
 - Pavement Grooving (P-621-1) to be bid per unit **square yard**
 - Grooving schedule shall be determined at time of construction. Phasing durations are not inclusive of 30-day cure time
 - Same applies to permanent marking schedule
 - Utility Systems Contractors License will be removed as a requirement to bid on this project
 - Gate 18 incorrectly identified on sheets PSPP-1 to PSPP-6
- DBE Requirement: 16.16%
- Airfield Driving Safety Training