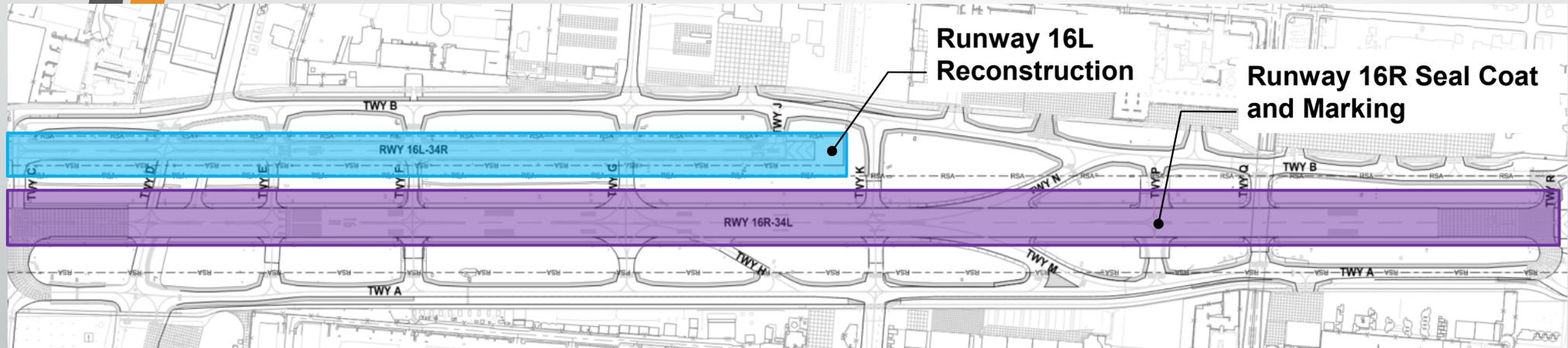


VNY 16L-16R Projects

VAN NUYS AIRPORT - LOS ANGELES WORLD AIRPORTS

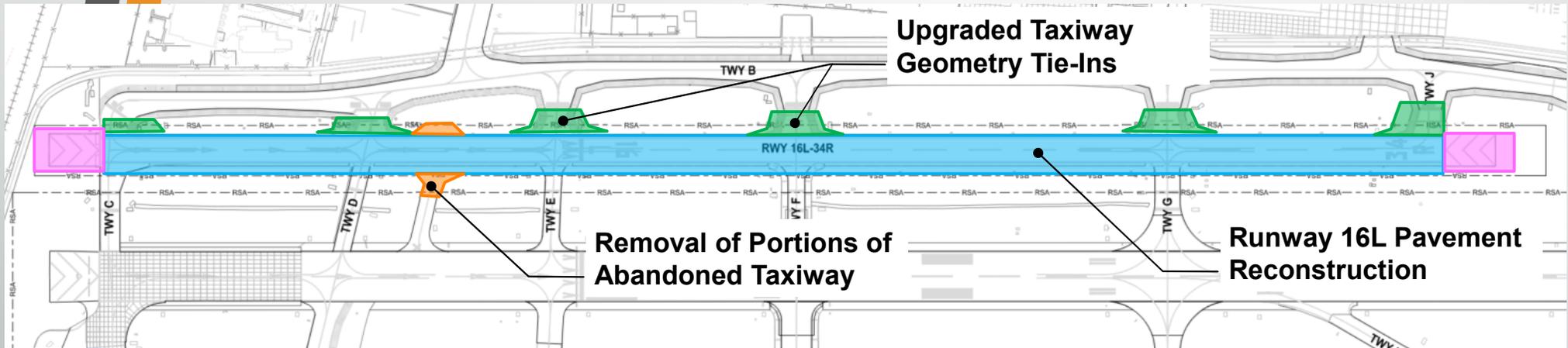


PROJECT OVERVIEW



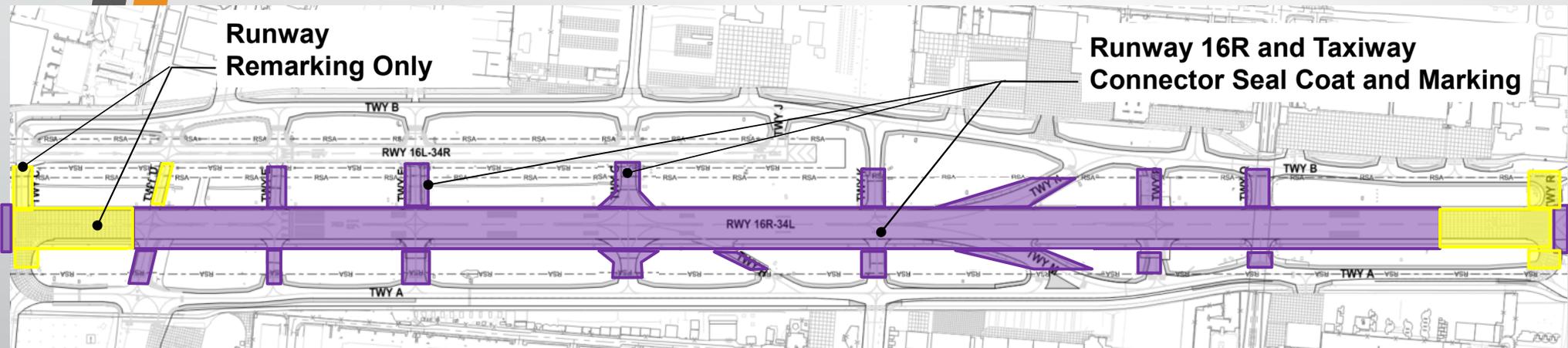
- Runway 16L-34R Pavement Reconstruction
- Runway 16R-34L Seal Coat and Marking
- Construction to begin January 2022

RUNWAY 16L SCOPE



- Full-depth runway and shoulder pavement replacement
- Taxiway fillet geometry east of Runway 16L
- Addition of blast pads
- Infield grading and drainage improvements
- Runway lighting system upgrades to LED fixtures
- Airfield Signage Upgrades
- Airfield Surface Marking

RUNWAY 16R SCOPE



- Surface preparation including marking removal and crack sealing
- Installation of asphalt seal coat
- Remarking of runway and taxiway surface markings
- Runway threshold and edge lighting upgrades to LED

CONSTRUCTION SCHEDULE

- **Project Duration:**
 - **389 Calendar Days**

- **Work Shifts**
 - **Mobilization/Demobilization:** Minimum 8-hour shift, 5 days a week
 - **Work Areas 1, 2, 3:** Minimum 8-hour shift, 5 days a week
 - **Work Areas 2A, 3A, 4A, 4C, 5:** Nightly shift, 10pm – 6am
 - **Work Area 4B:** (2) 56-hour shift over two weeks, Monday 10pm – Thursday 6am

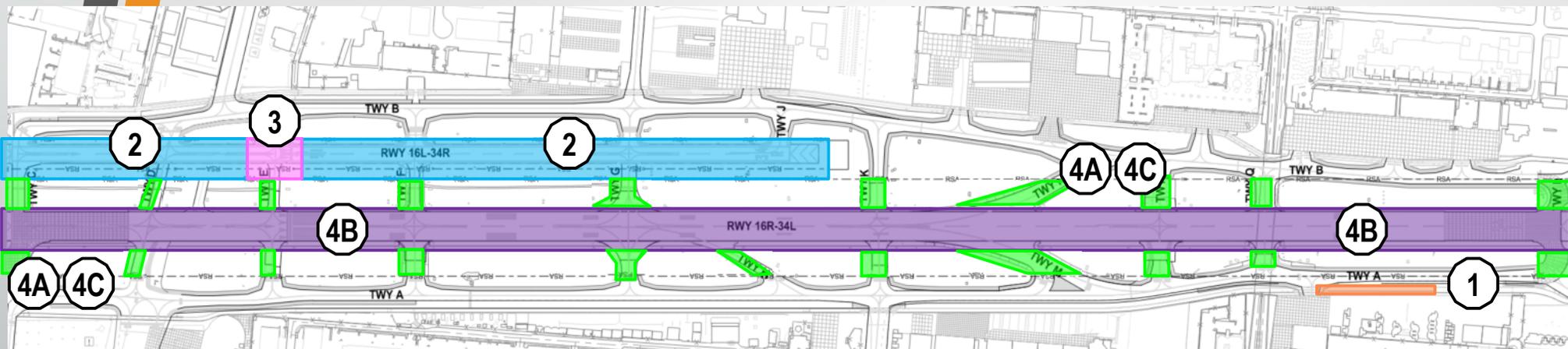
CONSTRUCTION SCHEDULE

WORK AREA	DURATION	MONTH 1	MONTH 2	MONTH 3	MONTH 4	MONTH 5	MONTH 6	MONTH 7	MONTH 8	MONTH 9	MONTH 10	MONTH 11	MONTH 12	MONTH 13	MONTH 14	MONTH 15	MONTH 16	
MOBILIZATION NTP	0 DAYS	◆ MOBILIZATION / NTP																
WORK AREA 0	91 DAYS	■ MOBILIZATION																
CONSTRUCTION NTP	0 DAYS	◆ CONSTRUCTION NTP																
WORK AREA 1	28 DAYS	■ CONTROL STRIP																
WORK AREA 2	133 DAYS	■ RUNWAY 16L-34L / TAXIWAY C, D, F, G, J CROSSINGS																
WORK AREA 2A	7 DAYS	■ RUNWAY 16L-34L RSA GRADING																
WORK AREA 3	42 DAYS	■ TAXIWAY E CROSSING																
WORK AREA 3A	7 DAYS	■ FINAL MARKING																
WORK AREA 4A	14 DAYS	■ RUNWAY SHOULDERS AND TAXIWAY CONNECTORS																
WORK AREA 4B	14 DAYS	■ RUNWAY 16R-34L SEAL COAT																
WORK AREA 4C	7 DAYS	■ TWO (2) 56-HR EXTENDED CLOSURES WITHIN THE 14-DAY (2 WEEK) PERIOD																
WORK AREA 5	3 DAYS	■ 30 DAY CURE ■ FINAL MARKING																
WORK AREA 6	60 DAYS	■ DEMOBILIZATION																

LEGEND:

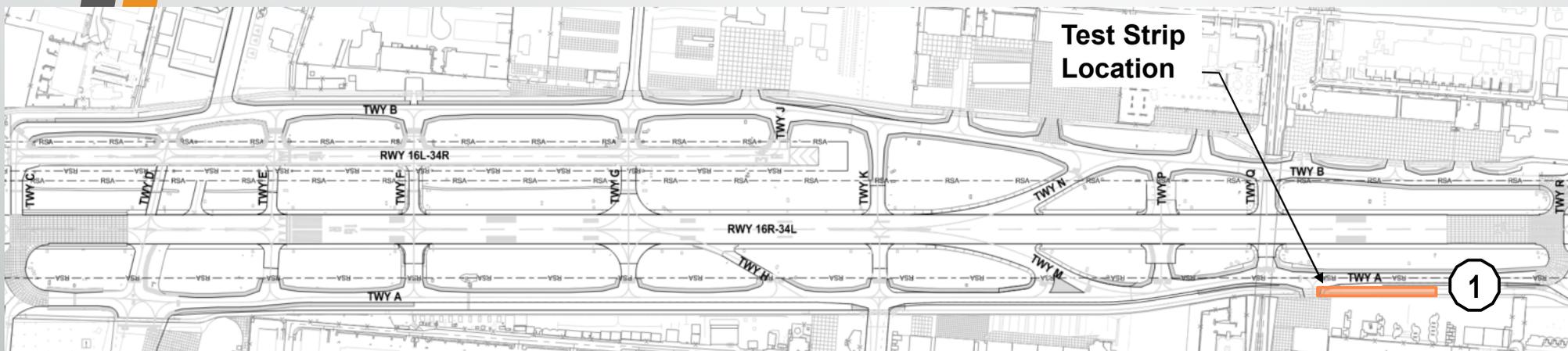
-  UNRESTRICTED DAYTIME WORK AREA (MINIMUM 8-HOUR SHIFT, 5 DAYS/WEEK M-F)
-  NIGHTTIME WORK AREA (2200-0600 M-F, UNLESS OTHERWISE NOTED)
-  ACCELERATED WORK AREA (MON 2200 - THUR 0600, 56-HOUR CLOSURE)

OVERALL PHASING



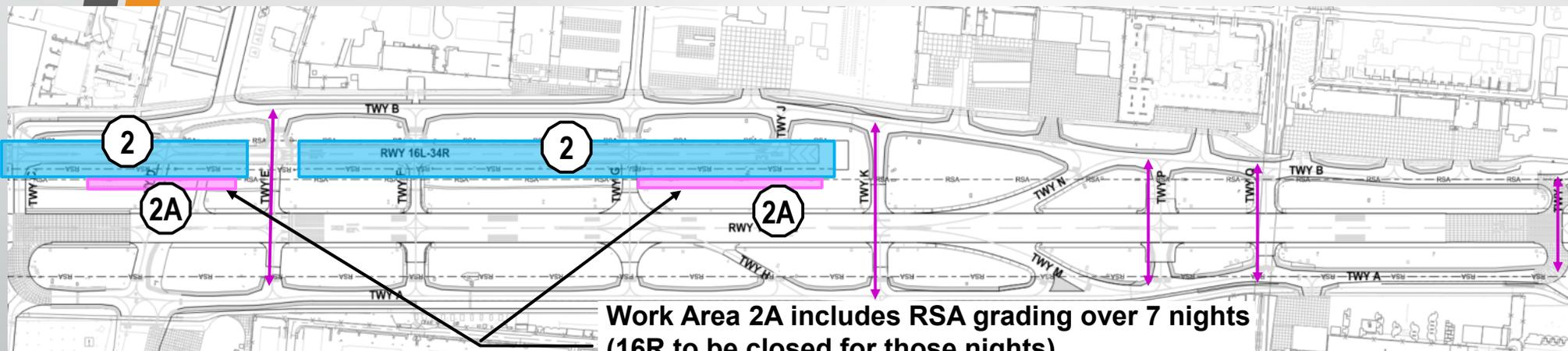
➤ Two Airfield AOA Access Points

WORK AREA 1 – CONTROL STRIP



- Work Area 1 – Unrestricted Daytime
- End of January through Mid February
- Both Runways Open Full-Length

WORK AREA 2 & 2A

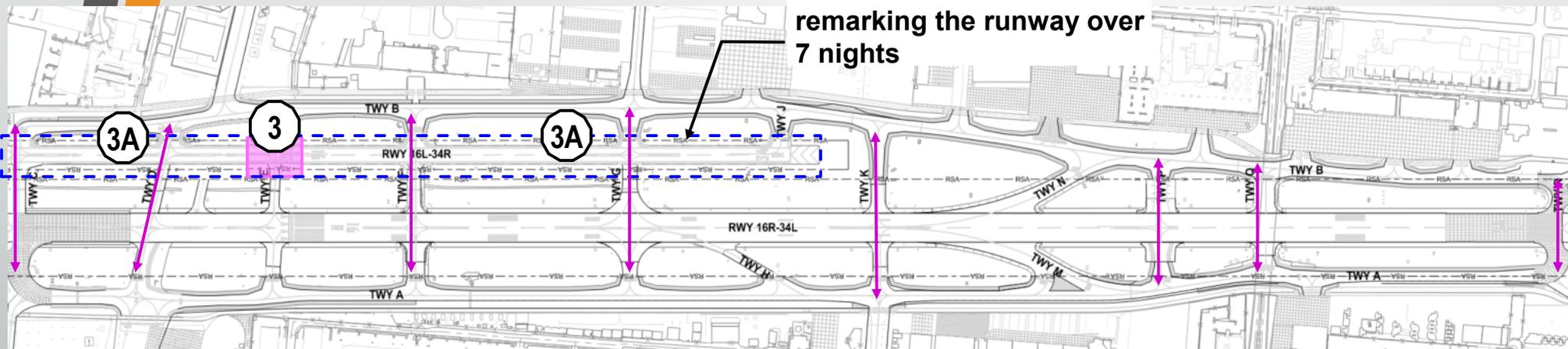


Work Area 2A includes RSA grading over 7 nights (16R to be closed for those nights)

- Work Area 2 – Unrestricted Daytime
- Runway 16L Closed
- Work Area 2A: Night Shift 10pm-6am (7 nights)
- Runway 16R Open Full-Length (except during Work Area 2A)
- End of February through Mid June

WORK AREA 3 & 3A

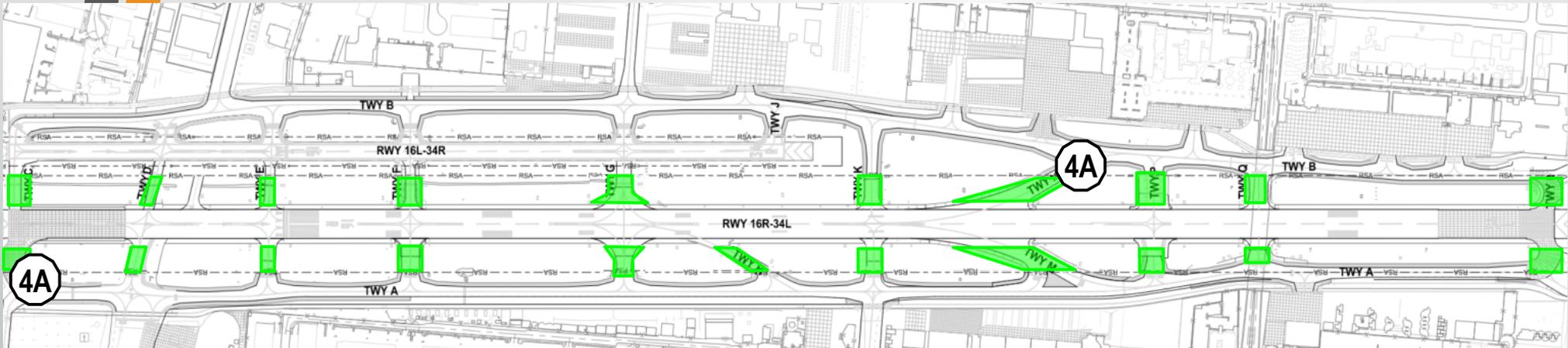
Work Area 3A includes
marking the runway over
7 nights



- Work Area 3 – Unrestricted Daytime
- Work Area 3A: Night Shift 10pm – 6am (7 nights)
- End of June to End of July

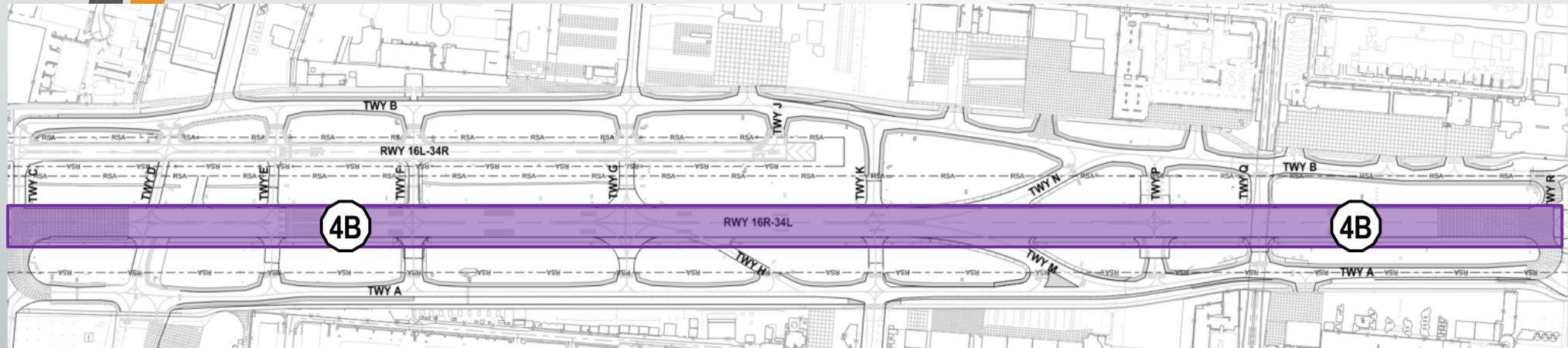
- Runway 16L Closed
- Runway 16R Open Full-Length

WORK AREA 4A



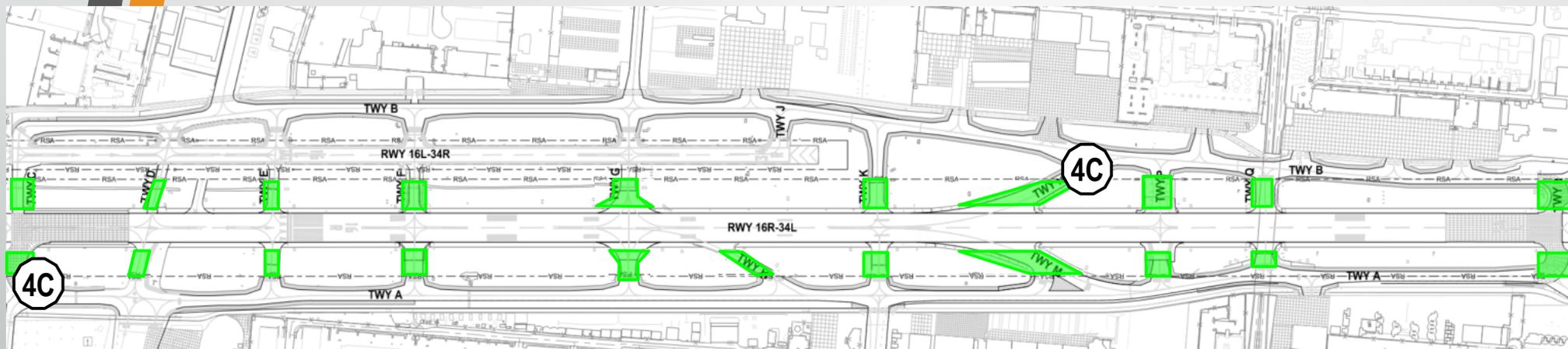
- Work Area 4A – Taxiway Connectors
- 2 weeks of night shifts (10pm – 6am)
- Beg August to Mid August
- Runway 16R Closed
- Min. 2 crossings open at all times
- Surface Preparation/Marking Removals/Crack Seal
- Seal Coat & Marking

WORK AREA 4B



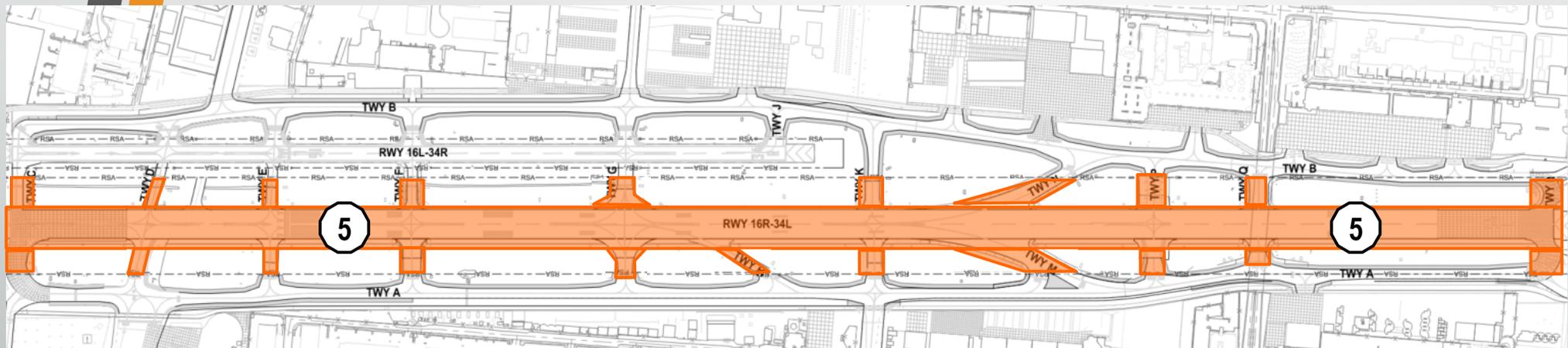
- Work Area 4B – Runway Mainline
- Two (2) 56-hour extended (day/night) closures over 2 weeks
 - Monday 10pm – Thursday 6am
- Mid August to End of August
- Runway 16R Closed
 - Min. 2 crossings open at all times
- Surface Preparation/Marking Removals/Crack Seal/Concrete Repairs
- Seal Coat and Marking

WORK AREA 4C



- Work Area 4C – Taxiway Connectors
- 1 week of night shifts (10pm – 6am)
- End of August to Beg September
- Runway 16R Closed
- Min. 2 crossings open at all times
- Surface Preparation/Marking Removals/Crack Seal
- Seal Coat & Marking

WORK AREA 5



- Work Area 5 – Final Marking
- 3 night shifts (10pm – 6am)
- Occurs 30-days after seal coat installation and first coat of marking
- Beg of October

- Runway 16R Closed
- Min. 2 crossings open at all times