

## Van Nuys Airport Taxiways Reconstruction Yr. 2 (C, H, M, N, P)

Presentation to:

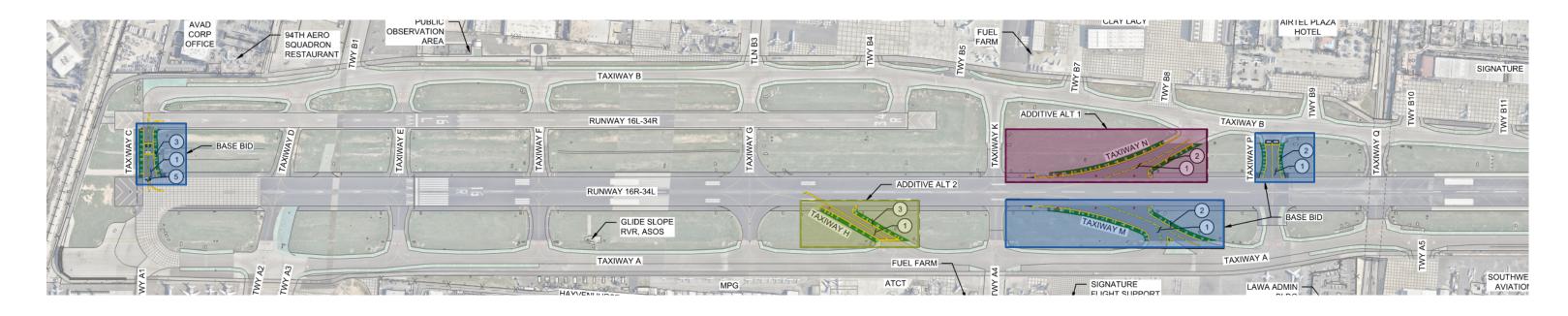
Van Nuys Airport Association – August 5, 2025

## Taxiways Reconstruction Yr. 2 (C, H, M, N, P) Project Overview – Scope

### Reconstruct segments of five connector taxiways: Txy C, H, M, N, and P

- Asphalt pavement reconstruction
- **→ Grading**
- Drainage improvements

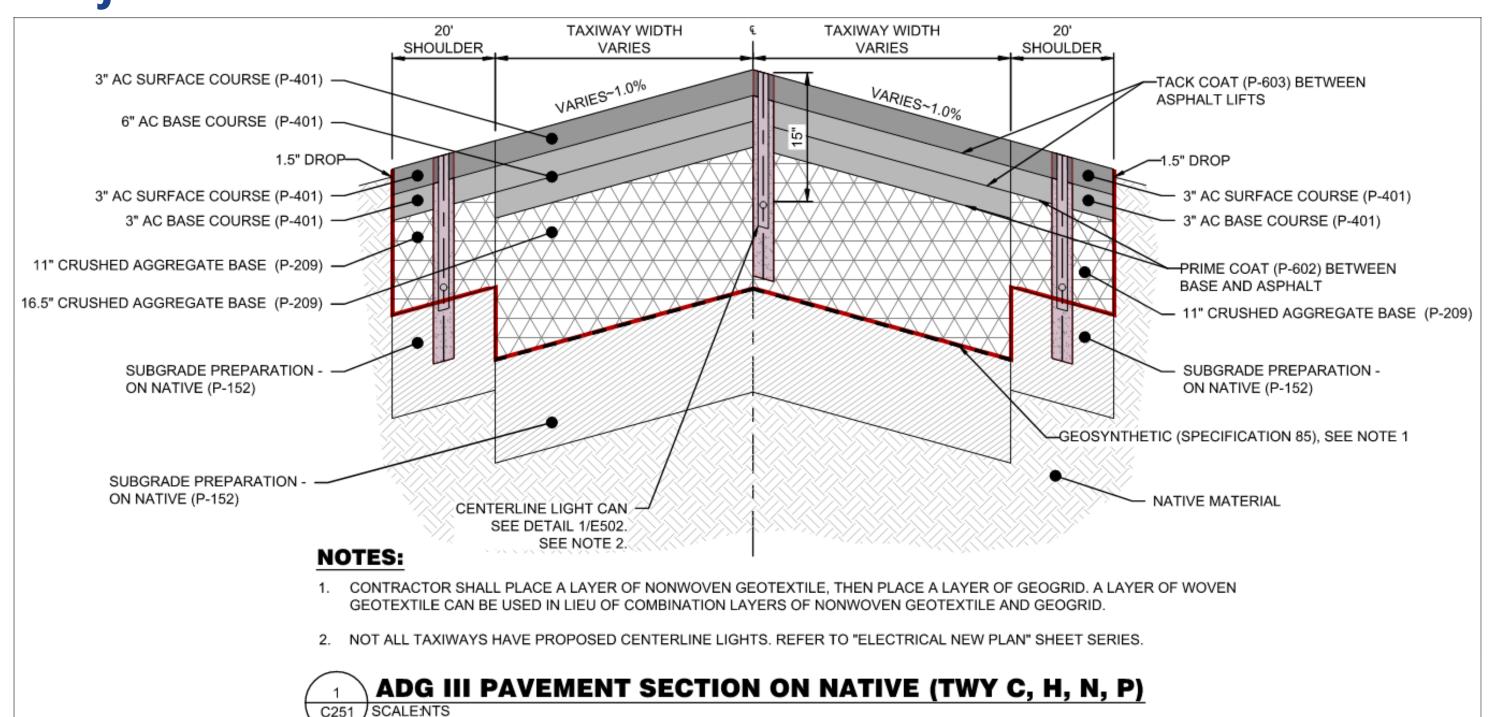
- Airfield electrical improvements
- Airfield lighting & signage
- Pavement markings



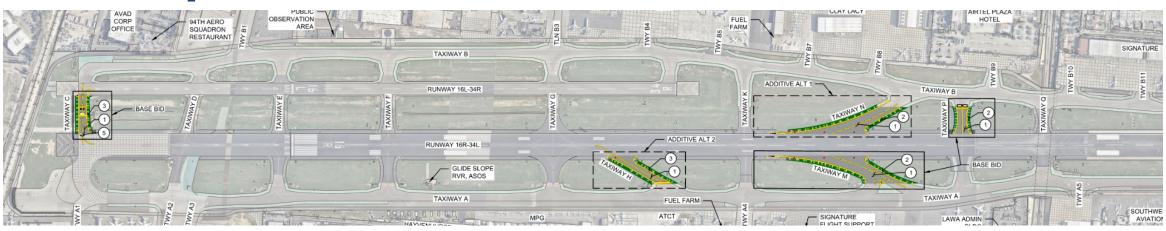
- Base Bid (Txy C, M, P)
- Additive Alternative #1 (Txy N)
  - **Additive Alternative #2 (Txy H)**



# Taxiways Reconstruction Yr. 2 (C, H, M, N, P) Project Overview – Pavement Reconstruction Section

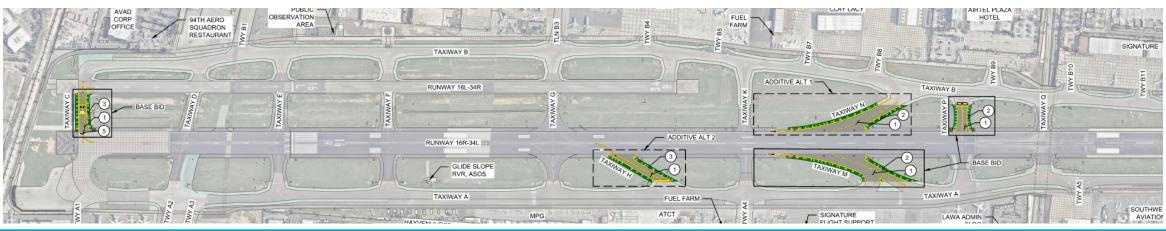


# Taxiways Reconstruction Yr. 2 (C, H, M, N, P) Operational Impacts



Operational Impact		Duration					
Operational ii	mpact	Per Contract Schedule					
Runway 16L-34R closed and Runway 16R-34L shortened at Txy E  • ILS offline • Reduced declared distances		~2 months					
	Runway 16R-34L closed	(3)-3 day (79.5 hours) 22:30 Sunday to 06:00 Thursday					
Sunday Night to Thursday Morning	Runway 16R-34L night closures	~3 weeks					
	Runway 16R-34L closed	(3)-3 day (79.5 hours) 22:30 Sunday to 06:00 Thursday					
	Runway 16R-34L night closures	~4 weeks					

# Taxiways Reconstruction Yr. 2 (C, H, M, N, P) Operational Impacts



Operational Impact		Duration						
Operational II	npact	Per Contract Schedule	Accelerated Schedule					
Runway 16L-34R closed and Runway 16R-34L shortened at Txy E  • ILS offline • Reduced declared distances		~2 months	~1 month					
	Runway 16R-34L closed	(3)-3 day (79.5 hours) 22:30 Sunday to 06:00 Thursday	(3)-3 day (79.5 hours) 22:30 Sunday to 06:00 Thursday					
Sunday Night	Runway 16R-34L night closures	~3 weeks	~2 weeks					
to Thursday Morning	Runway 16R-34L closed	(3)-3 day (79.5 hours) 22:30 Sunday to 06:00 Thursday	(3)-3 day (79.5 hours) 22:30 Sunday to 06:00 Thursday					
	Runway 16R-34L night closures	~4 weeks	~2 weeks					

**PHASE 3B** 

**DEMOBILIZATION** 

11 DAYS

60 DAYS

**8 NIGHTS** 

~4 NIGHTS

### Taxiways Reconstruction Yr. 2 (C, H, M, N, P) **Per Contract vs Accelerated Construction Schedules**

			P	PHASING LOGIC DIA	AGRAM				
TASK NAME	TOTAL	FIELD WORK		2	2025	2026			
VNY TAXIWAYS RECONSTRUCTION (TAXIWAYS C, H, M, N, P)	CALENDAR DAYS	DAYS	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR
MOBILIZATION	76 DAYS	0 DAYS						-Daytim	e Work –
PHASE 1A	4 DAYS	4 NIGHTS		1A [					ie work
PHASE 1	59 DAYS	49 DAYS		1				Nightti	me Work
PHASE 1B	7 DAYS	4 NIGHTS				1B		Extend	led Closure
PHASE 2	21 DAYS	(3) 79.5-HR PERIODS		<b>—</b>		2			
PHASE 2B	21 DAYS	12 NIGHTS		Rwy 16L-34R clo	nandi.		2В		
PHASE 3	21 DAYS	(3) 79.5-HR PERIODS		Rwy 16R-34L sh closed North of	ortened, Twy E;		3 🛚		
PHASE 3B	28 DAYS	16 NIGHTS		Rwy 16R ILS no	t available			3В	
DEMOBILIZATION	60 DAYS	~4 NIGHTS							
		Q	0 70 80 <u>9</u>	90 100 110	120 130 140	150 160 170 1		0 220 230 2	40 250 260 270
			P	PHASING LOGIC DIA					
TASK NAME	TOTAL	FIELD WORK		2	2025			2026	
VNY TAXIWAYS RECONSTRUCTION (TAXIWAYS C, H, M, N, P)	CALENDAR DAYS	DAYS	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR
MOBILIZATION	76 DAYS	0 DAYS							
PHASE 1A	4 DAYS	4 NIGHTS		1A	<b></b>				
PHASE 1	28 DAYS	24 DAYS & NIGHTS		1					
PHASE 1B	7 DAYS	4 NIGHTS	Rwys closed for work periods, Su	un @ 2230 to	1B [				
PHASE 2	1			aily opening;	T T T T T T T T T T T T T T T T T T T				
I HAGE 2	28 DAYS	(3) 79.5-HR PERIODS	typical for all red st		2				
PHASE 2B	28 DAYS 11 DAYS	(3) 79.5-HR PERIODS 8 NIGHTS	typical for all red st	tripe hatches	2	2B			
		PERIODS	typical for all red st	ed during day work periods,	2	2B	3 🔯 🔯		

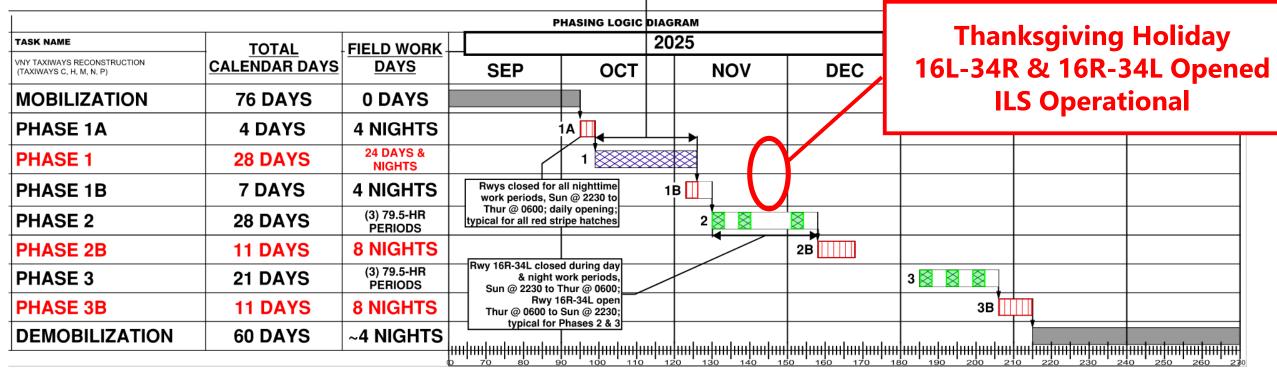


3B



## Taxiways Reconstruction Yr. 2 (C, H, M, N, P) Per Contract vs Accelerated Construction Schedules

			P	HASING LOGIC DIAG	RAM						
TASK NAME	TOTAL	FIELD WORK		20	25		2026				
VNY TAXIWAYS RECONSTRUCTION (TAXIWAYS C, H, M, N, P)	CALENDAR DAYS	DAYS	SEP	OCT	NOV	DEC	JAN	FEB	MAR		
MOBILIZATION	76 DAYS	0 DAYS						 	o Work -		
PHASE 1A	4 DAYS	4 NIGHTS		1A [[]			- Daytime Work				
PHASE 1	59 DAYS	49 DAYS		1	<b>*****</b>		Nighttime Work				
PHASE 1B	7 DAYS	4 NIGHTS	SHTS					Extended Closure			
PHASE 2	21 DAYS	(3) 79.5-HR PERIODS						-	_		
PHASE 2B	21 DAYS	12 NIGHTS	HTS				2В				
PHASE 3	21 DAYS	(3) 7: PEF	Thankso	giving Ho	liday		3				
PHASE 3B	28 DAYS	16 NI	_	34R close	_			3В			
DEMOBILIZATION	60 DAYS	~ <sup>4</sup> NI 16		ortened &			 				

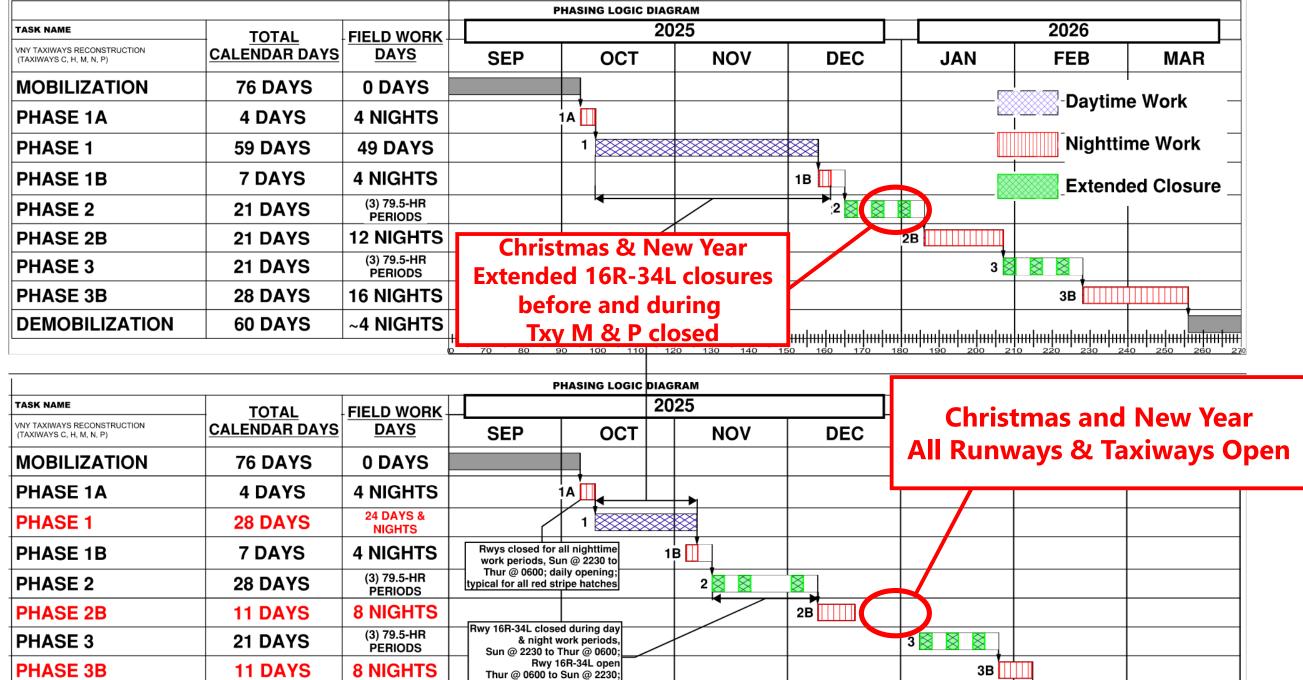


**DEMOBILIZATION** 

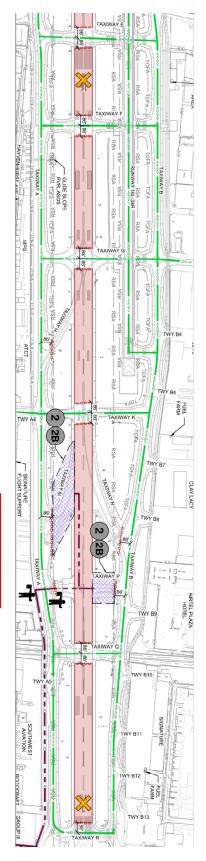
60 DAYS

~4 NIGHTS

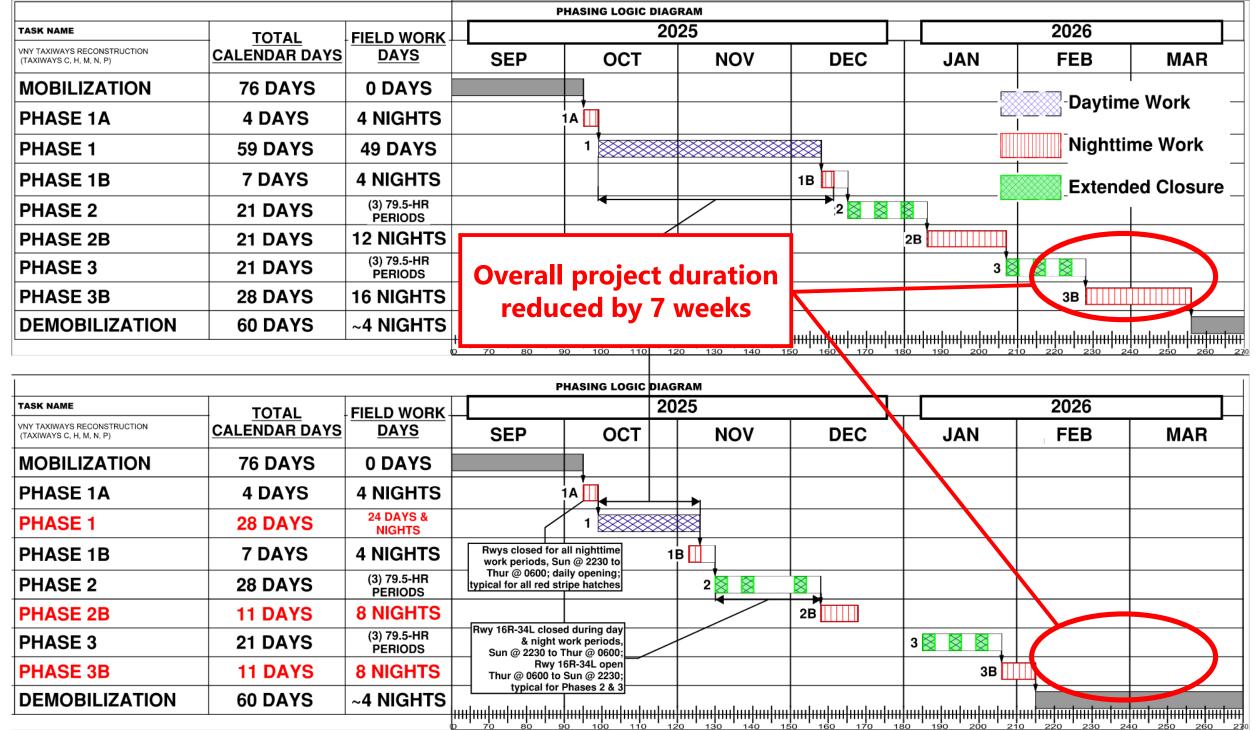
## Taxiways Reconstruction Yr. 2 (C, H, M, N, P) **Per Contract vs Accelerated Construction Schedules**



typical for Phases 2 & 3

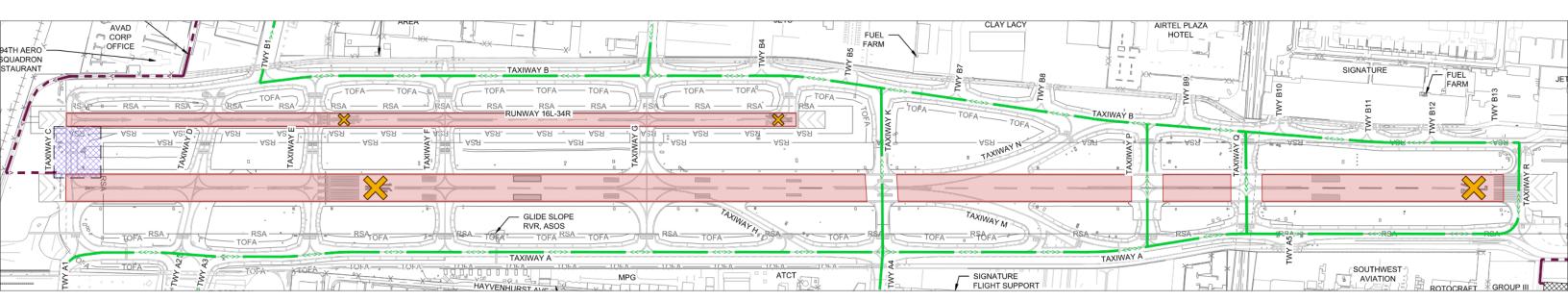


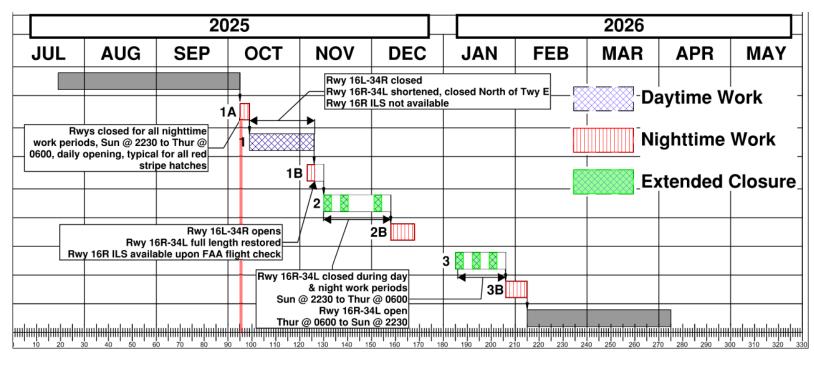
### Taxiways Reconstruction Yr. 2 (C, H, M, N, P) **Per Contract vs Accelerated Construction Schedules**





# Phase 1A – Phase 1 Pre-Work – Close 16L-34R, Shorten 16R-34L 4 Night Closures, Oct 5-8 (4 Calendar Days)





#### **Construction Phase Notes**

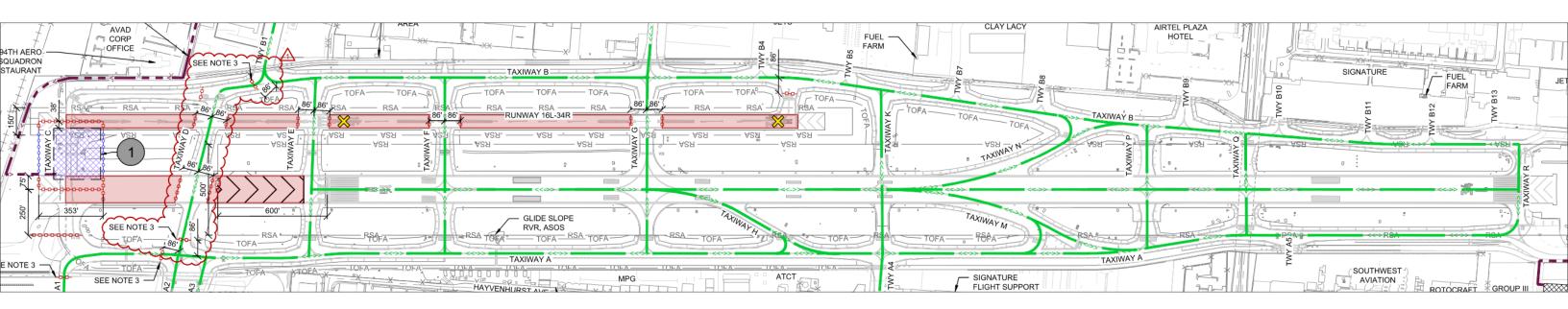
#### **Construction**

- 1. Work Days and Hours:
  - Sunday 2230 to Monday 0600
  - Monday 2230 to Tuesday 0600
  - Tuesday 2230 to Wednesday 0600
  - Wednesday 2230 to Thursday 0600

- 1. Closed:
  - Runway 16L-34R and 16R-34L
  - Various Taxiways on North End



# Phase 1 – Taxiway C Reconstruction (Including Pvmt Test Sections) 28 Calendar Days, Oct 9-Nov 5



Runway 16R-34L Declared Distances										
	RW	Y 16R	RW	Y 34L						
	Existing	Proposed	Existing	Proposed						
TODA			0.001/	6,327′						
TORA	8,001′	6,696′	8,001′							
ASDA			7 261'	6 160′						
LDA	6,	570′	7,261′	6,168′						

#### **Construction Phase Notes**

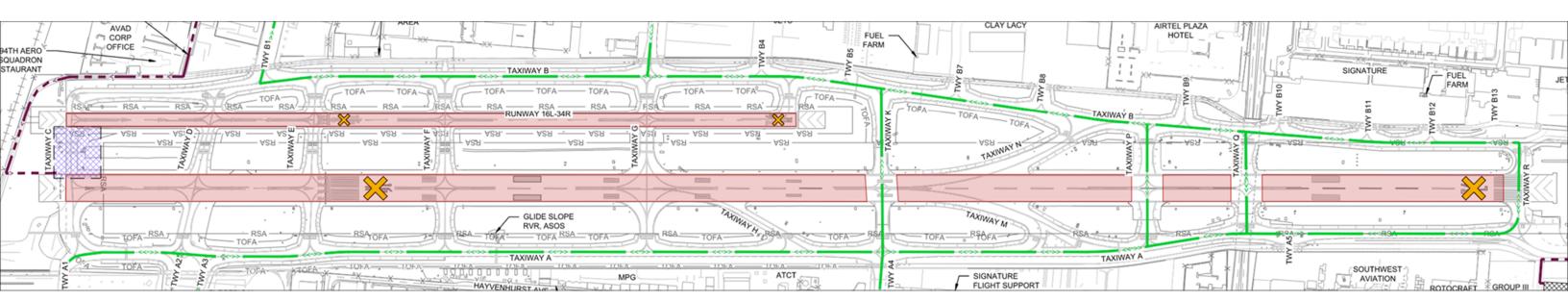
#### **Construction**

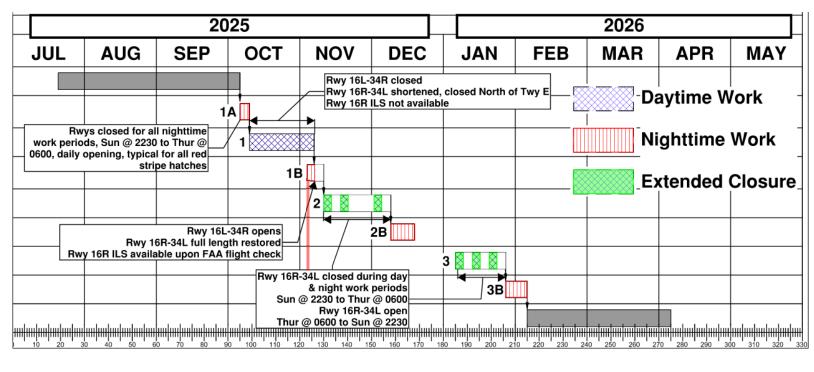
- 1. Work Days and Hours:
  - Monday thru Saturday, Unrestricted 24 Hours per Day

- 1. Closed:
  - Runway 16L-34R
  - Taxiway C
- 2. Runway 16R-34L Shortened, 16R ILS Not Available
- 3. Height Restrictions on Taxiway D and North End of Taxiway A



# Phase 1B – Phase 1 Post-Work – Fully Open Runways (1 Week) 4 Nights of Closure, Nov 2-6 (Concurrent with Phase 1)





#### **Construction Phase Notes**

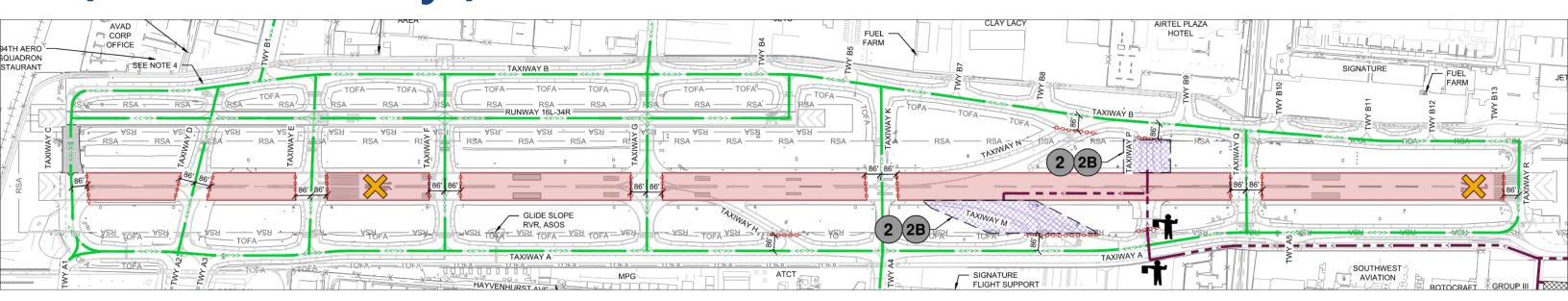
#### Construction

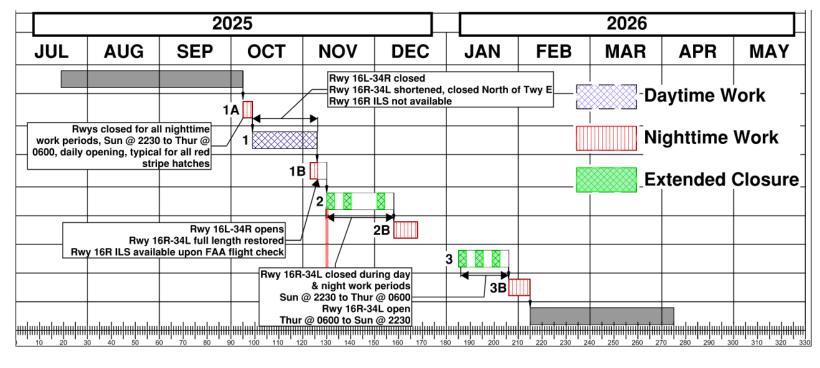
- 1. Work Days and Hours:
  - Sunday 2230 to Monday 0600
  - Monday 2230 to Tuesday 0600
  - Tuesday 2230 to Wednesday 0600
  - Wednesday 2230 to Thursday 0600

- 1. Closed:
  - Runway 16L-34R and 16R-34L
  - Various Taxiways on North End



# Phase 2 – Taxiway M and P Reconstruction (Active Construction) (3) 79.5-Hr Closure Periods, Nov 10-12, Nov 17-19, Dec 1-3 (28 Calendar Days)





#### **Construction Phase Notes**

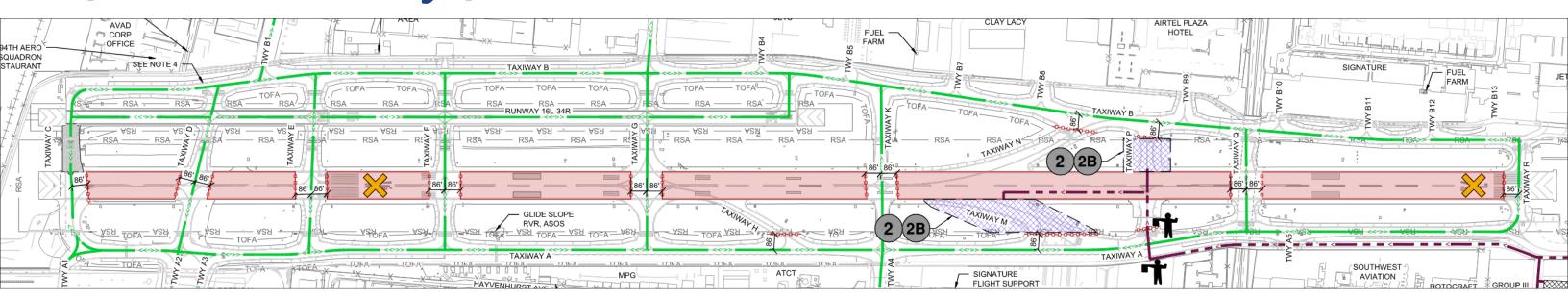
#### Construction

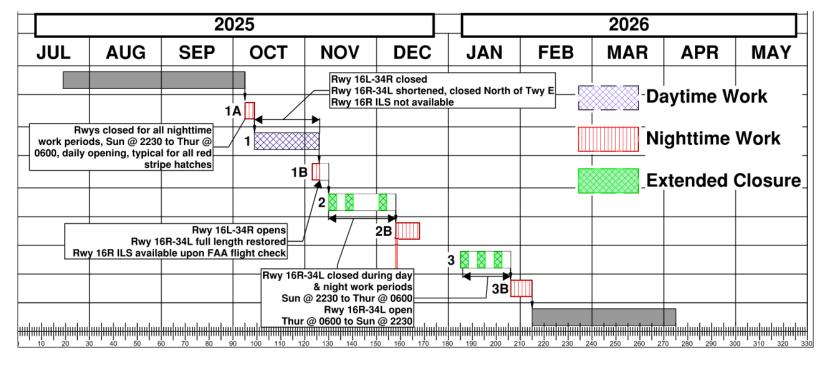
- 1. Work Days and Hours:
  - Sunday 2230 to Thursday 0600, Unrestricted 24 Hours per Day

- 1. Closed:
  - Runway 16R-34L
  - Taxiway M
  - Taxiway P



# Phase 2B – Taxiway M and P Reconstruction (Nighttime) (2 Weeks) 8 Nights of Closure, Dec 7-10, Dec 14-17 (14 Calendar Days)





#### **Construction Phase Notes**

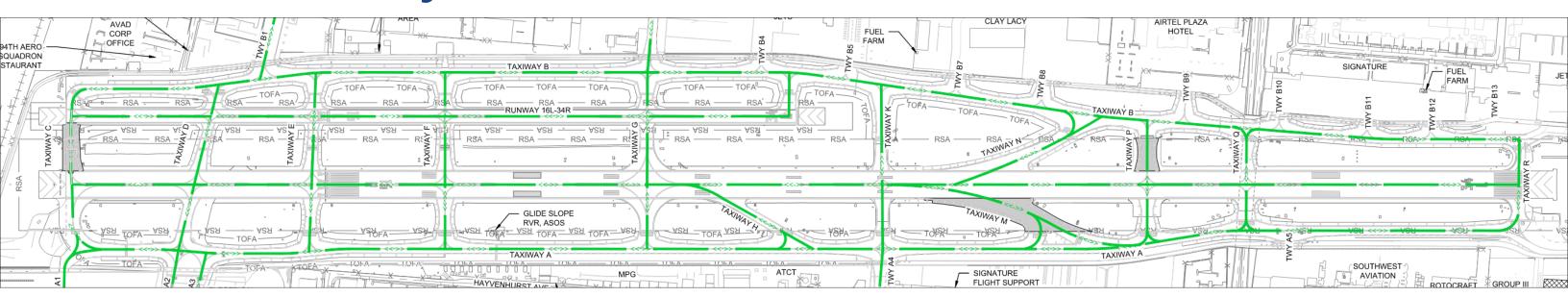
#### **Construction**

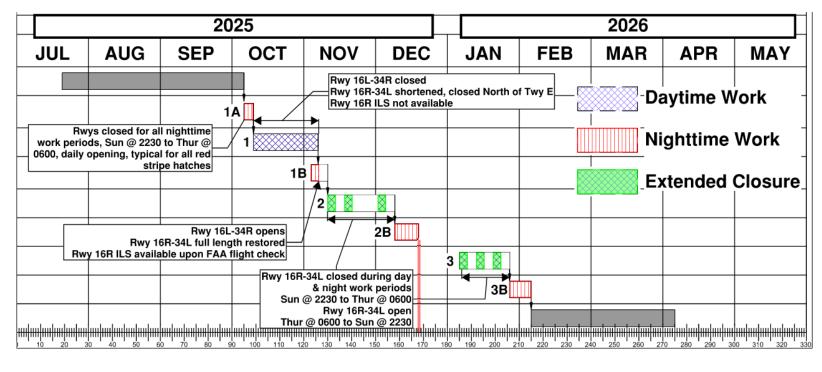
- 1. Work Days and Hours:
  - Sunday 2230 to Monday 0600
  - Monday 2230 to Tuesday 0600
  - Tuesday 2230 to Wednesday 0600
  - Wednesday 2230 to Thursday 0600

- 1. Closed:
  - Runway 16R-34L
  - Taxiway M
  - Taxiway P



# Taxiways Reconstruction Yr. 2 (C, H, M, N, P) No Closures for Christmas & New Year Holidays, Dec 18-Jan 4 (17 Calendar Days)





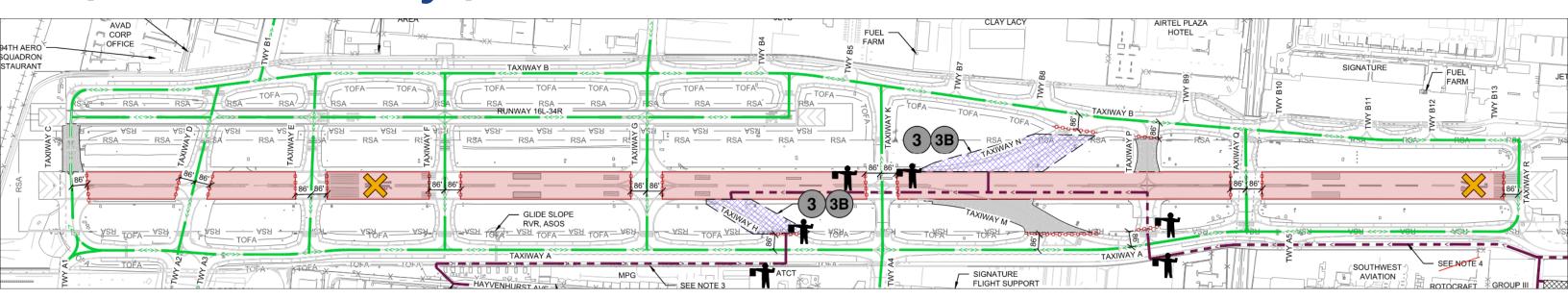
#### **Construction Phase Notes**

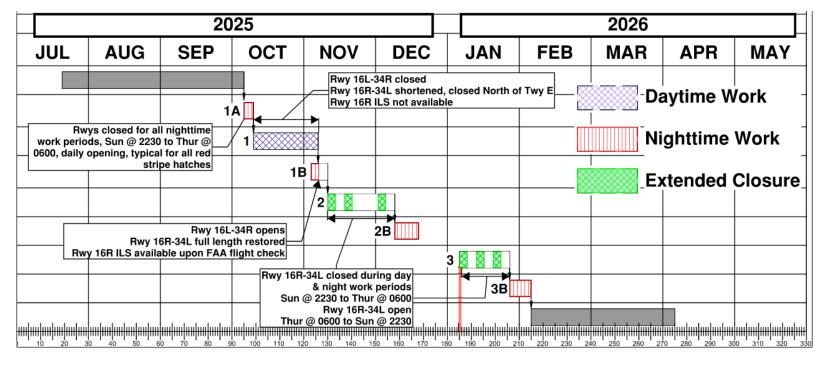
#### Construction

- 1. Work Days and Hours:
  - No Construction Dec 18 to Jan 4

- 1. Closed:
  - No Closures Dec 18 to Jan 4

# Phase 3 – Taxiway H and N Reconstruction (Active Construction) (3) 79.5-Hr Closure Periods, Jan 5-7, Jan 12-14, Jan 19-21 (21 Calendar Days)





#### **Construction Phase Notes**

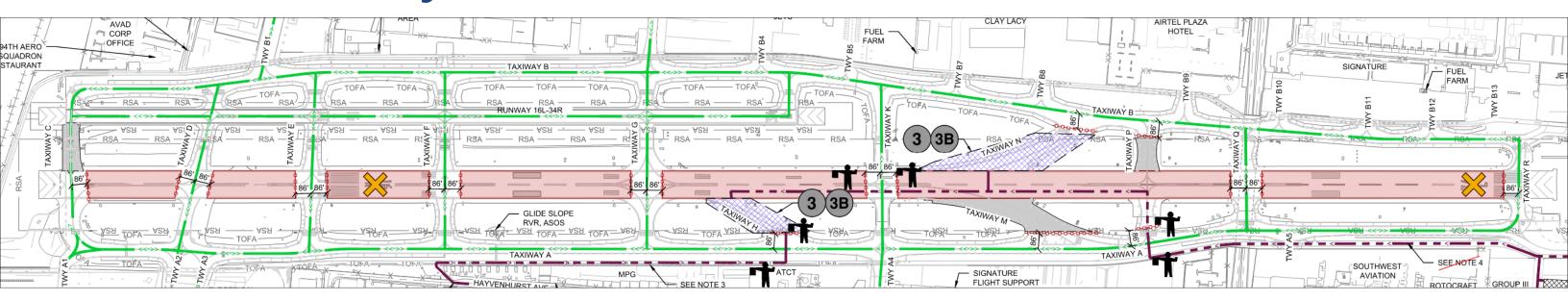
#### **Construction**

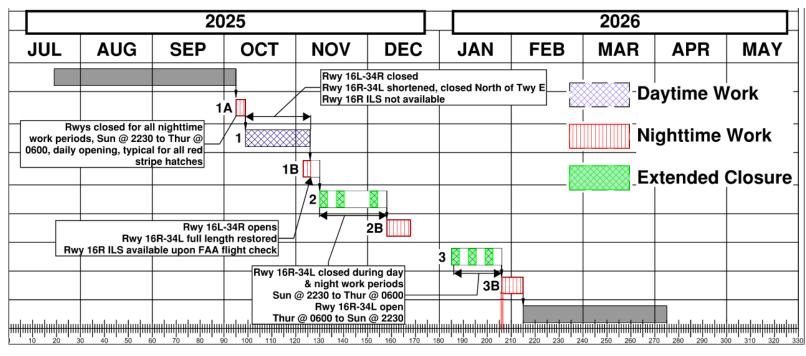
- 1. Work Days and Hours:
  - Sunday 2230 to Thursday 0600, Unrestricted 24 Hours per Day

- 1. Closed:
  - Runway 16R-34L
  - Taxiway H
  - Taxiway N



# Phase 3B – Taxiway M and P Reconstruction (Nighttime) (2 Weeks) 8 Nights of Closures, Jan 25-28, Feb 1-4 (14 Calendar Days)





#### **Construction Phase Notes**

#### **Construction**

- 1. Work Days and Hours:
  - Sunday 2230 to Monday 0600
  - Monday 2230 to Tuesday 0600
  - Tuesday 2230 to Wednesday 0600
  - Wednesday 2230 to Thursday 0600

- 1. Closed:
  - Runway 16R-34L
  - Taxiway H
  - Taxiway N



## Taxiways Reconstruction Yr. 2 (C, H, M, N, P) **Accelerated Construction Schedule Benefits Summary**

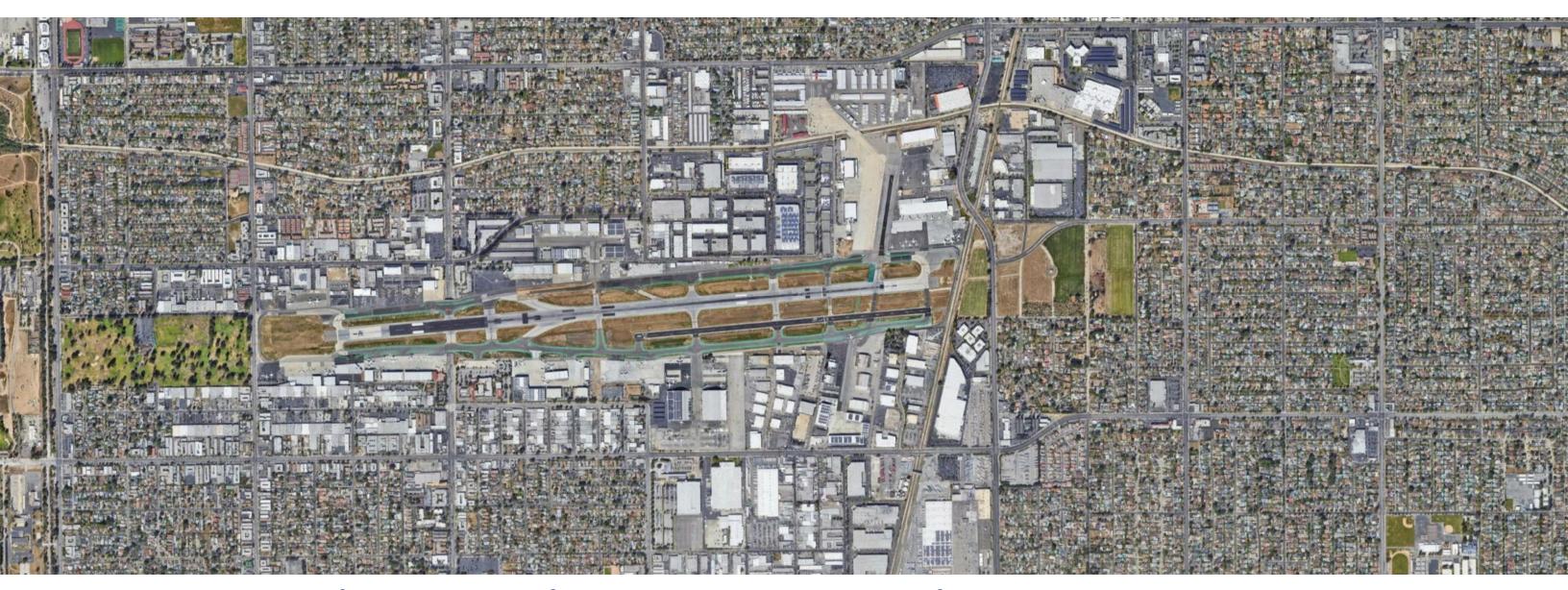
- 4 Week reduction Runway16R-34L shortened, ILS offline, & Runway 16L-34R closure
- Eliminates runway shorting and ILS Impacts during Thanksgiving holiday
- Eliminates operational impacts during Christmas and New Year holidays (All Runways and Taxiways Opened)
- 3 Week reduction Nightly Closures
- 7 Week reduction Project duration and airfield impacts

				PHASIN	NG LOGIC DIA	AGRAM							
TASK NAME	TOTAL	FIELD WORK	2025								2026		
VNY TAXIWAYS RECONSTRUCTION (TAXIWAYS C, H, M, N, P)	CALENDAR DAYS	DAYS	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY
MOBILIZATION	76 DAYS	0 DAYS						-34R closed -34L shortened	, closed North of	Twy E	 	ovetima M	loul:
PHASE 1A	4 DAYS	4 NIGHTS			L	A		ILS not availab			 	aytime W	ork
PHASE 1	28 DAYS	24 DAYS & NIGHTS	work perio	vys closed for al ods, Sun @ 2230 opening, typica	to Thur @	1	×				Ni	ghttime	Work
PHASE 1B	7 DAYS	4 NIGHTS			pe hatches	16					   	ktended	Closure
PHASE 2	28 DAYS	(3) 79.5-HR PERIODS					/2			×			
PHASE 2B	11 DAYS	8 NIGHTS		D 46D 041	Rwy 16I	34R opens		2B					
PHASE 3	21 DAYS	(3) 79.5-HR PERIODS		HWY 16H-34I	L full length &		/ / / / / / / / / / / / / / / / / / /		3 🛭 🗎				
PHASE 3B	11 DAYS	8 NIGHTS					-34L closed du & night work @ 2230 to Thu	periods	3B				
DEMOBILIZATION	60 DAYS	~4 NIGHTS				Thur	Rwy 16R-3 @ 0600 to Sur						





### **Discussion & Questions**



### Van Nuys Airport Taxiways Reconstruction Yr. 2 (C, H, M, N, P)

Presentation to:

Van Nuys Airport Association – August 5, 2025