



**FLOYD W. JONES  
LEBANON AIRPORT**  
AIRPORT MASTER PLAN





## FINAL PLANNING ADVISORY COMMITTEE MEETING

**DATE: February 6, 2023**

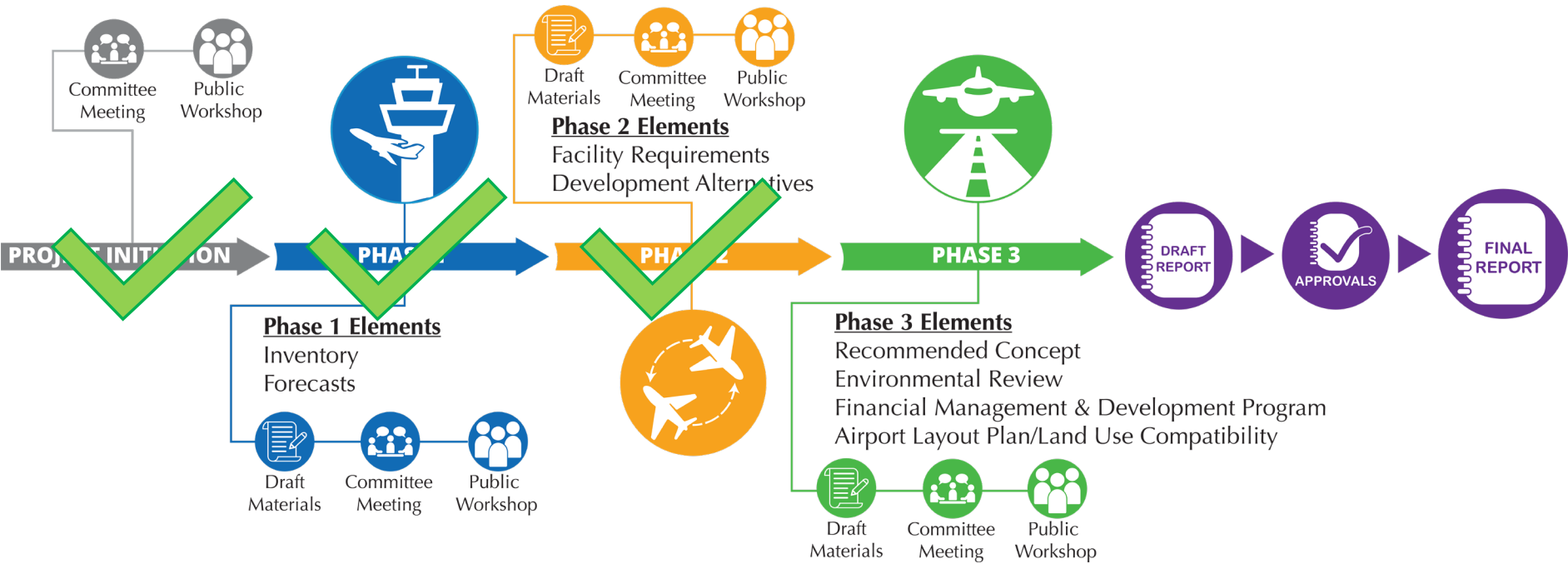
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### AGENDA

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1. Welcome/Recap
2. Review of Phase Three Documents
  - Ch5: Recommended Concept
  - Ch6: Capital Improvement Program
3. Questions/Comments

# MASTER PLAN STUDY PROCESS

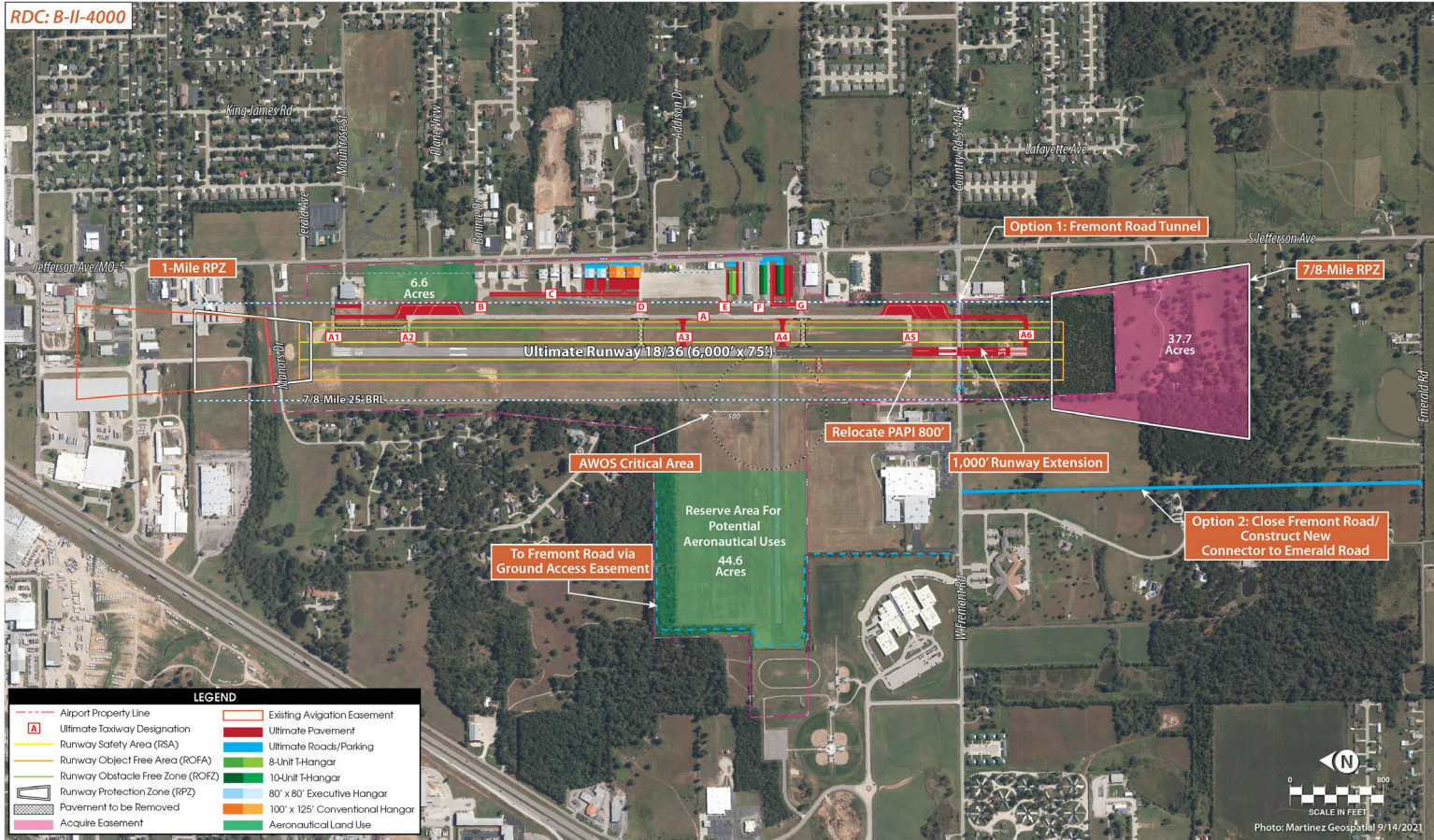




# CHAPTER 5 RECOMMENDED CONCEPT



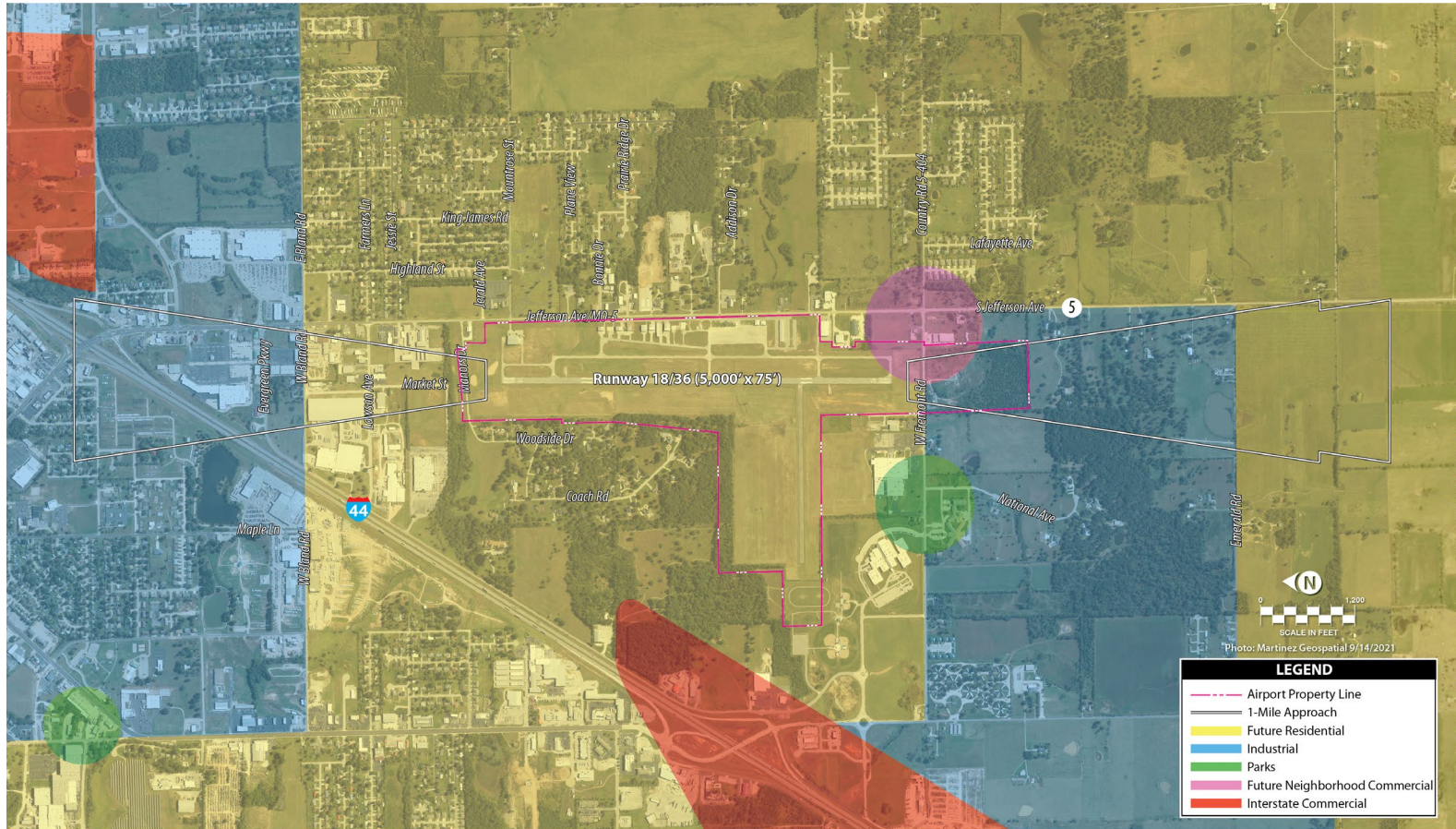
# RECOMMENDED DEVELOPMENT CONCEPT



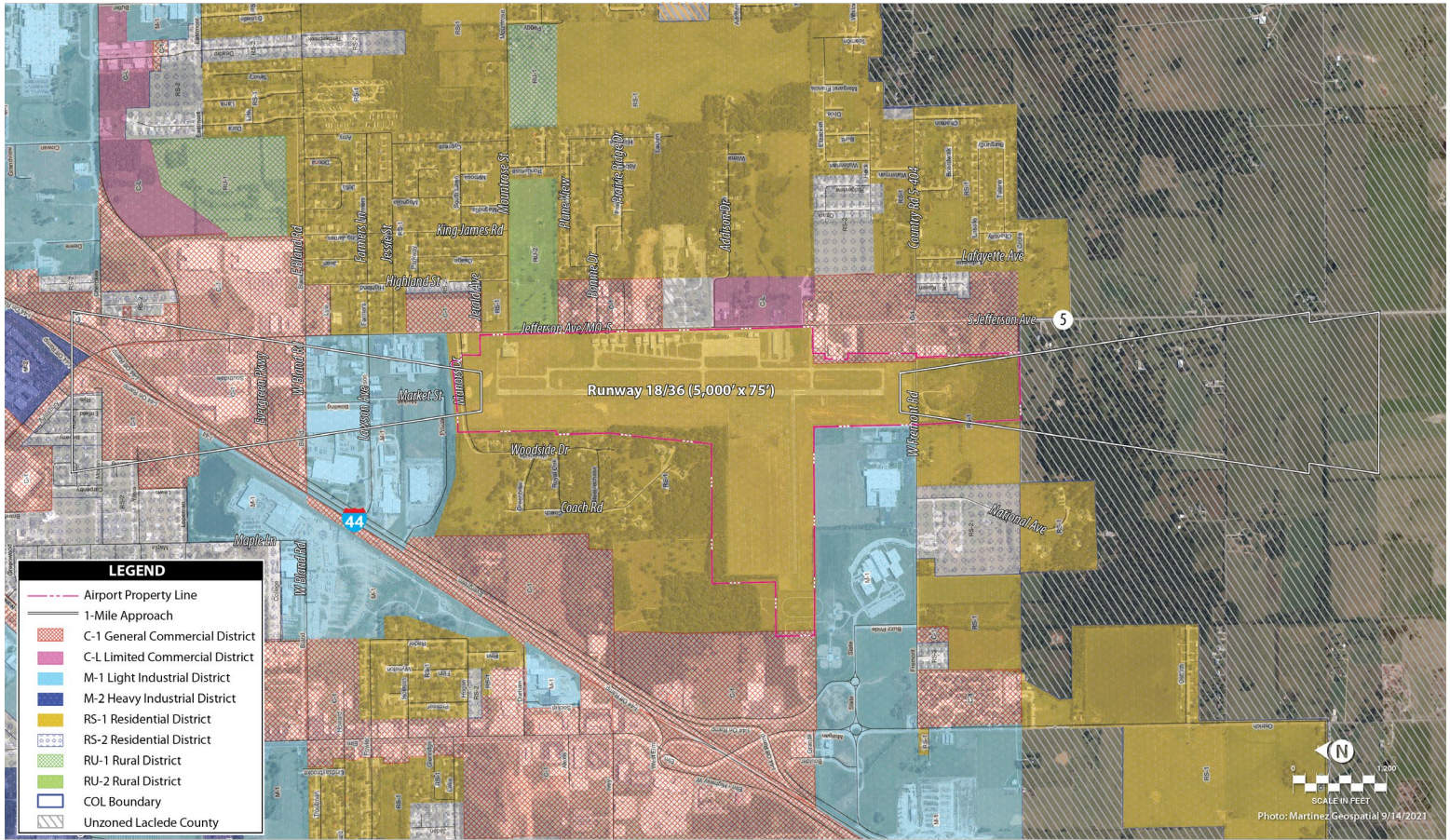
# RECOMMENDED DEVELOPMENT CONCEPT



# FUTURE LAND USE



# ZONING MAP

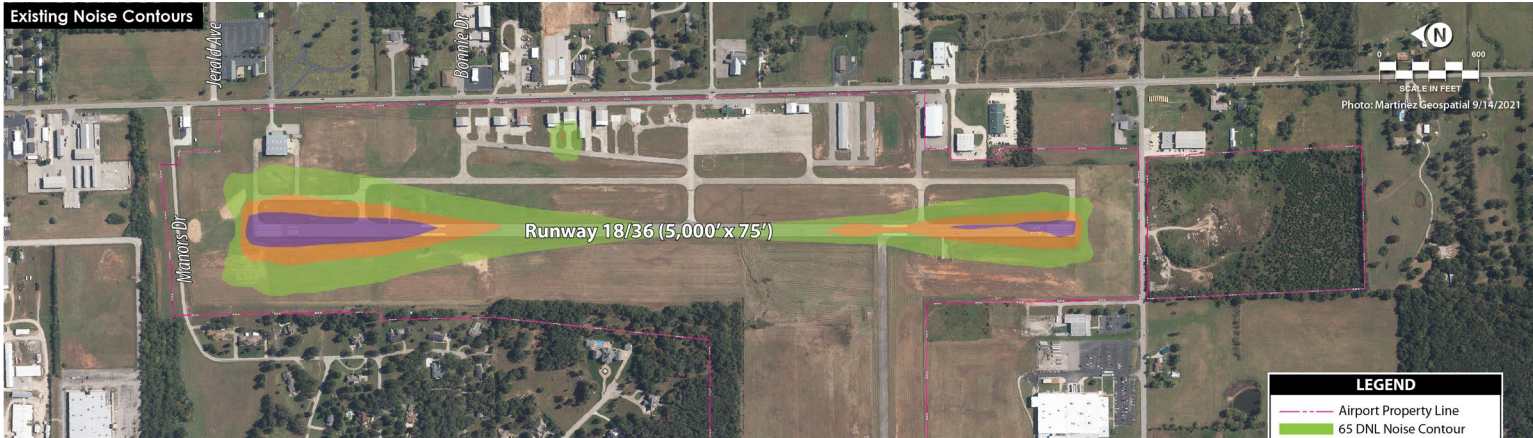


LEGEND	
	Airport Property Line
	1-Mile Approach
	C-1 General Commercial District
	C-L Limited Commercial District
	M-1 Light Industrial District
	M-2 Heavy Industrial District
	RS-1 Residential District
	RS-2 Residential District
	RU-1 Rural District
	RU-2 Rural District
	COL Boundary
	Unzoned LaCade County

0 1,000  
 SCALE IN FEET  
 Photo: Martinez Geospatial 9/14/2021



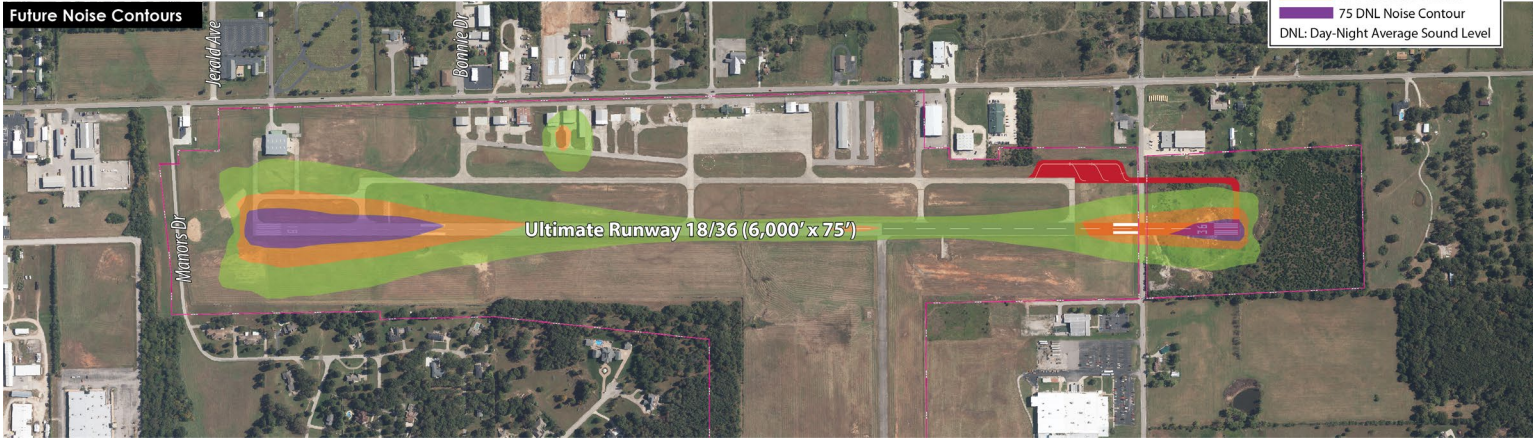
# NOISE CONTOURS



**LEGEND**

- Airport Property Line
- █ 65 DNL Noise Contour
- █ 70 DNL Noise Contour
- █ 75 DNL Noise Contour

DNL: Day-Night Average Sound Level





# CHAPTER 6

# CAPITAL IMPROVEMENT PROGRAM



# CAPITAL IMPROVEMENT PROGRAM



#	Project Description	Total Project Cost	AIP/ModOT Share	Local Share
<b>SHORT TERM PROGRAM</b>				
<b>2023</b>				
1	Reconstruct taxiway intersections	\$646,300	\$581,670	\$64,630
<b>2024</b>				
2	Pavement maintenance and airfield remarking	\$386,000	\$347,400	\$38,600
<b>2025</b>				
3	T-hangar taxilane/apron reconstruction	\$345,300	\$310,770	\$34,530
<b>2026</b>				
4	Relocate north section of Taxiway A	\$1,521,740	\$1,369,566	\$152,174
5	Construct midfield hangar apron	\$214,500	\$193,050	\$21,450
<b>2027</b>				
6	Extend Taxilane F	\$165,000	\$148,500	\$16,500
<b>TOTAL SHORT TERM PROGRAM</b>		<b>\$3,278,840</b>	<b>\$2,950,956</b>	<b>\$327,884</b>
<b>INTERMEDIATE TERM</b>				
7	Rehabilitate Runway 18-36	\$3,669,600	\$3,302,640	\$366,960
8	Construct T-hangar aprons	\$759,000	\$683,100	\$75,900
9	Relocate electrical vault	\$50,000	\$0	\$50,000
10	Construct north hangar aprons	\$759,000	\$683,100	\$75,900
11	Install taxiway edge lighting	\$2,376,000	\$2,138,400	\$237,600
12	Remove North Hangar direct access condition	\$166,760	\$150,084	\$16,676
13	Routine pavement maintenance	\$5,000,000	\$4,500,000	\$500,000
<b>TOTAL INTERMEDIATE TERM PROGRAM</b>		<b>\$12,780,360</b>	<b>\$11,457,324</b>	<b>\$1,323,036</b>

<b>LONG TERM PROGRAM</b>				
14	Relocate Taxiway A3	\$241,954	\$217,759	\$24,195
15	Relocate Taxiway A4	\$235,176	\$211,658	\$23,518
16	Construct Taxilane C	\$917,400	\$825,660	\$91,740
17	Expand terminal building	\$231,000	\$207,900	\$23,100
18	Expand airport frontage road and parking areas	\$108,283	\$97,455	\$10,828
19	Routine pavement maintenance	\$10,000,000	\$9,000,000	\$1,000,000
<b>RUNWAY 18-36 EXTENSION</b>				
20A	Option 1: Extension with Fremont Road Tunnel	\$23,361,354	\$21,025,219	\$2,336,135
20B	Option 2: Extension with Fremont Road Rerouted	\$13,993,045	\$12,593,741	\$1,399,305
<b>TOTAL LONG TERM with Fremont Road Tunnel</b>		<b>\$35,095,167</b>	<b>\$31,585,650</b>	<b>\$3,509,517</b>
<b>TOTAL LONG TERM with Fremont Road Rerouted</b>		<b>\$25,726,858</b>	<b>\$23,154,172</b>	<b>\$2,572,686</b>
<b>CAPITAL IMPROVEMENT PROGRAM TOTAL with Fremont Tunnel</b>		<b>\$51,154,367</b>	<b>\$45,993,930</b>	<b>\$5,160,437</b>
<b>CAPITAL IMPROVEMENT PROGRAM TOTAL with Fremont Reroute</b>		<b>\$41,786,058</b>	<b>\$37,562,452</b>	<b>\$4,223,606</b>



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# CAPITAL IMPROVEMENT PROGRAM



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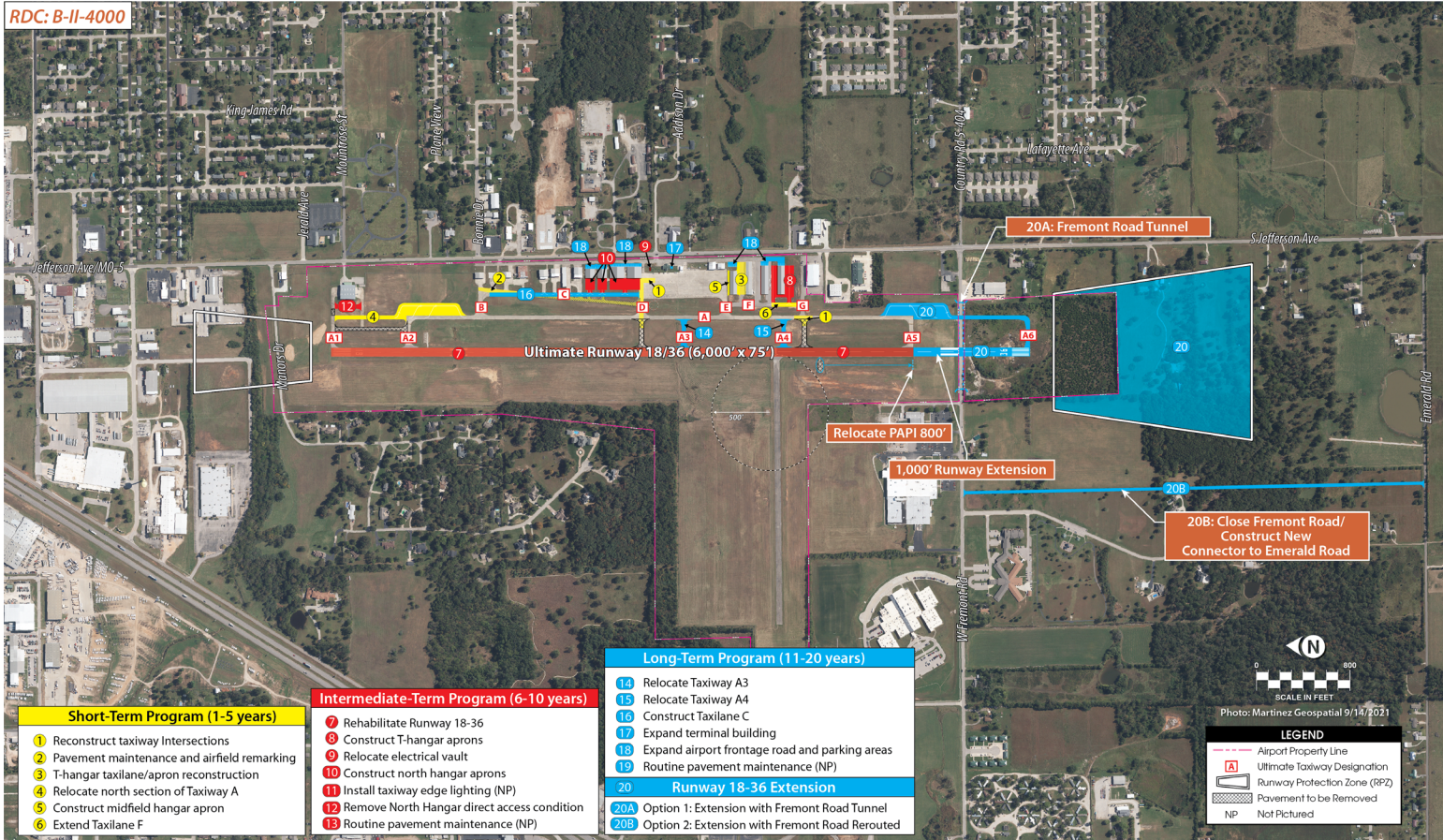
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# DEVELOPMENT STAGING



RDC: B-II-4000



**Short-Term Program (1-5 years)**

- 1 Reconstruct taxiway intersections
- 2 Pavement maintenance and airfield remarking
- 3 T-hanger taxilane/apron reconstruction
- 4 Relocate north section of Taxiway A
- 5 Construct midfield hangar apron
- 6 Extend Taxilane F

**Intermediate-Term Program (6-10 years)**

- 7 Rehabilitate Runway 18-36
- 8 Construct T-hanger aprons
- 9 Relocate electrical vault
- 10 Construct north hangar aprons
- 11 Install taxiway edge lighting (NP)
- 12 Remove North Hangar direct access condition
- 13 Routine pavement maintenance (NP)

**Long-Term Program (11-20 years)**

- 14 Relocate Taxiway A3
- 15 Relocate Taxiway A4
- 16 Construct Taxilane C
- 17 Expand terminal building
- 18 Expand airport frontage road and parking areas
- 19 Routine pavement maintenance (NP)

**Runway 18-36 Extension**

- 20A Option 1: Extension with Fremont Road Tunnel
- 20B Option 2: Extension with Fremont Road Rerouted



**LEGEND**

	Airport Property Line
	Ultimate Taxiway Designation
	Runway Protection Zone (RPZ)
	Pavement to be Removed
	NP Not Pictured



AIRPORT MASTER PLAN



# QUESTIONS

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