

LAWRENCE_{KS}

MUNICIPAL AIRPORT



AIRPORT MASTER PLAN

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AIRPORT PLANNING

Federal Role: NPIAS Airports. Overall Needs

State Role: Top-Down Needs Assessment.

Specific Goals: Life Flight, Instrument Approaches,
Weather Equipment

Metropolitan Role: MARC Regional Aviation System Plan
Lawrence / Douglas County MPO

Local Role: Bottom-Up Needs Assessment and Forecast
Local Vision
Local Forecasts

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MASTER PLAN

- **Proactive Airport Plan**
- **Identify and plan for future needs**
- **Ensures timely project coordination**
 - **FAA prescribed process**
- **FAA approves forecasts and ALP**

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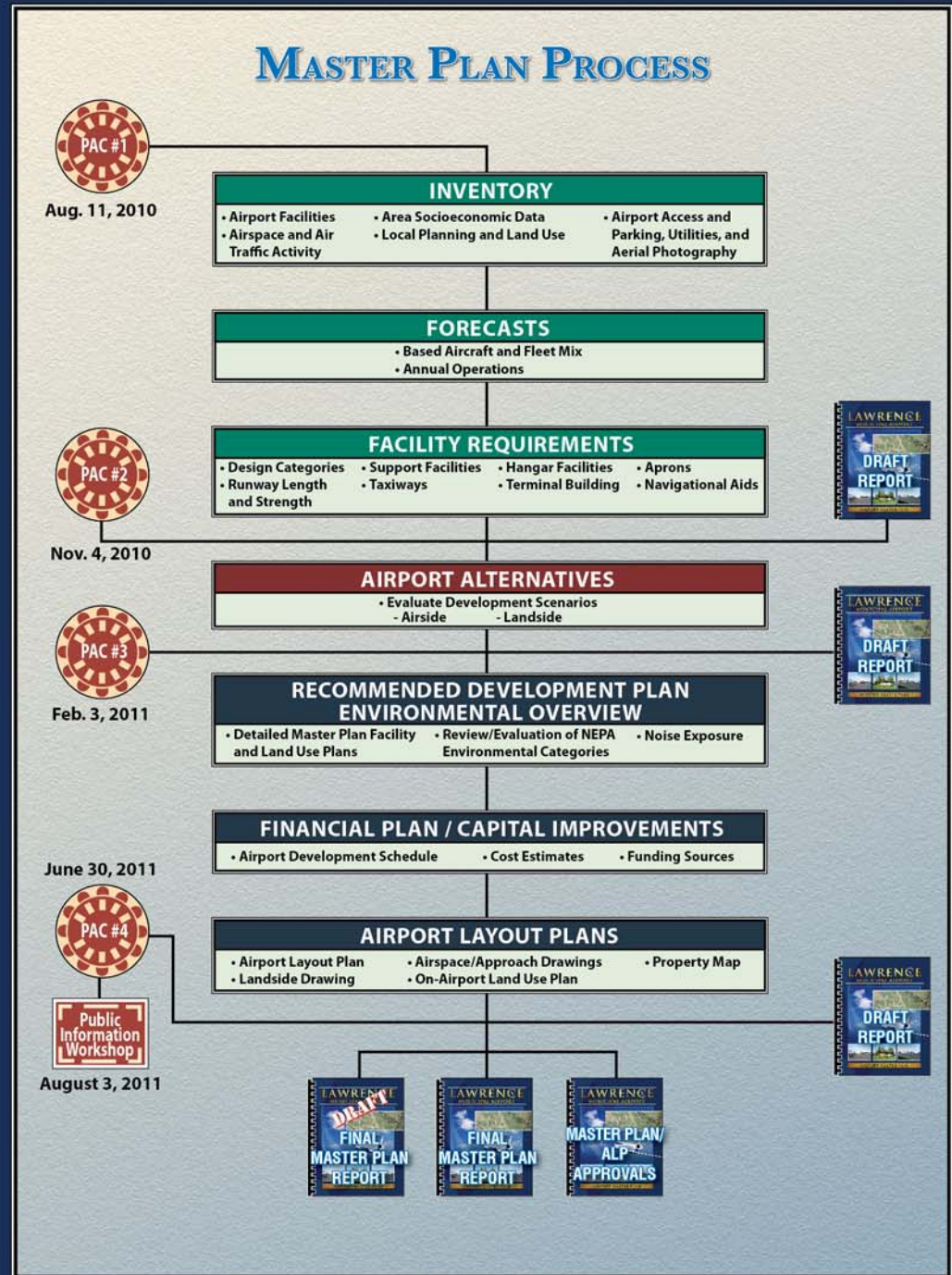
PLANNING ADVISORY COMMITTEE (PAC)

NAME	TITLE	REPRESENTING
Soules, Charles F.	Director of Public Works	City of Lawrence
Haig, Richard	Chairperson	Airport Advisory Board
Fish, Gary	Member	Airport Advisory Board
Deitering, Jeff	Kansas Planner	FAA - Central Region
Kern, Tom	President / CEO	Lawrence Chamber of Commerce
Theil, Mark	Public Works	City of Lawrence
Day, Sandra	Planner	Lawrence Planning & Development
Young, Ed	Director of Aviation	Kansas Department of Transportation
Hetrick, Lloyd	Owner / Operator	Hetrick Aviation
Gordzica, Theresa		University of Kansas / Airport Advisory Board
Thellman, Nancy	Chairperson	Douglas County Commission
Pine, Roger	Citizen Representative	Airport Neighbor
Kellog, Larry	Pilot	AOPA
Sneegas, Stanley	Member	Airport Advisory Board
Bryant, Rick	Airport Planner	ADG Airport Engineering

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EXHIBIT IA PROJECT WORK FLOW



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EXHIBIT 3A AIRPORT REFERENCE CODES

A-I 	<ul style="list-style-type: none"> • Beech Baron 55 • Beech Bonanza • Cessna 150 • Cessna 172 • Cessna Citation Mustang • Eclipse 500 • Piper Archer • Piper Seneca 	C-I, D-I 	<ul style="list-style-type: none"> • Beech 400 • Lear 25, 31, 35, 45, 55, 60 • Israeli Westwind • HS 125-400, 700
B-I <i>less than 12,500 lbs.</i> 	<ul style="list-style-type: none"> • Beech Baron 58 • Beech King Air 100 • Cessna 402 • Cessna 421 • Piper Navajo • Piper Cheyenne • Swearingen Metroliner • Cessna Citation I 	C-II, D-II 	<ul style="list-style-type: none"> • Cessna Citation III, VI, VIII, X • Gulfstream II, III, IV • Canadair 600 • ERJ-135, 140, 145 • CRJ-200/700 • Embraer Regional Jet • Lockheed JetStar
B-II <i>less than 12,500 lbs.</i> 	<ul style="list-style-type: none"> • Super King Air 200 • Cessna 441 • DHC Twin Otter 	C-III, D-III 	<ul style="list-style-type: none"> • ERJ-170, 190 • CRJ 700, 900 • Boeing Business Jet • B 737-300 Series • MD-80, DC-9 • Fokker 70, 100 • A319, A320 • Gulfstream V • Global Express
B-I, B-II <i>over 12,500 lbs.</i> 	<ul style="list-style-type: none"> • Super King Air 350 • Beech 1900 • Jetstream 31 • Falcon 10, 20, 50 • Falcon 200, 900 • Citation II, III, IV, V • Saab 340 • Embraer 120 	C-IV, D-IV 	<ul style="list-style-type: none"> • B-757 • B-767 • C-130 • DC-8-70 • MD-11
A-III, B-III 	<ul style="list-style-type: none"> • DHC Dash 7 • DHC Dash 8 • DC-3 • Convair 580 • Fairchild F-27 • ATR 72 • ATP 	D-V 	<ul style="list-style-type: none"> • B-747 Series • B-777

Note: Aircraft pictured is identified in bold type.

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EXHIBIT 2E FORECAST SUMMARY

	ESTIMATE	FORECAST		
	2010	2015	2020	2030
ANNUAL OPERATIONS				
General Aviation				
Itinerant	16,800	18,251	19,858	23,487
local	13,650	14,819	16,113	19,035
Military				
Itinerant	150	150	150	150
local	0	0	0	0
Air Taxi (itinerant)	2,100	2,280	2,479	2,928
Total Itinerant	19,050	20,681	22,487	26,565
Total Local	13,650	14,819	16,113	19,035
Total Operations	32,700	35,500	38,600	45,600
BASED AIRCRAFT				
Single Engine	52	54	63	74
Multi-Engine	5	5	5	6
Turboprop	1	2	3	4
Business Jet	1	2	2	3
Helicopter	1	2	2	3
Total Based Aircraft	60	65	75	90
Instrument Approaches (AIAs)	NA	414	450	531

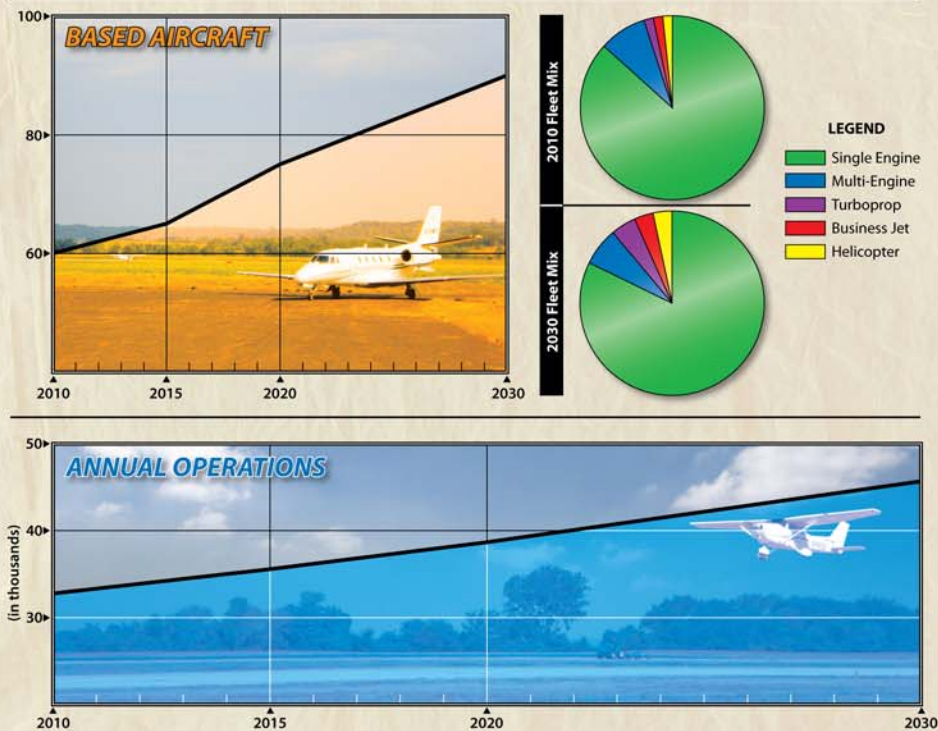
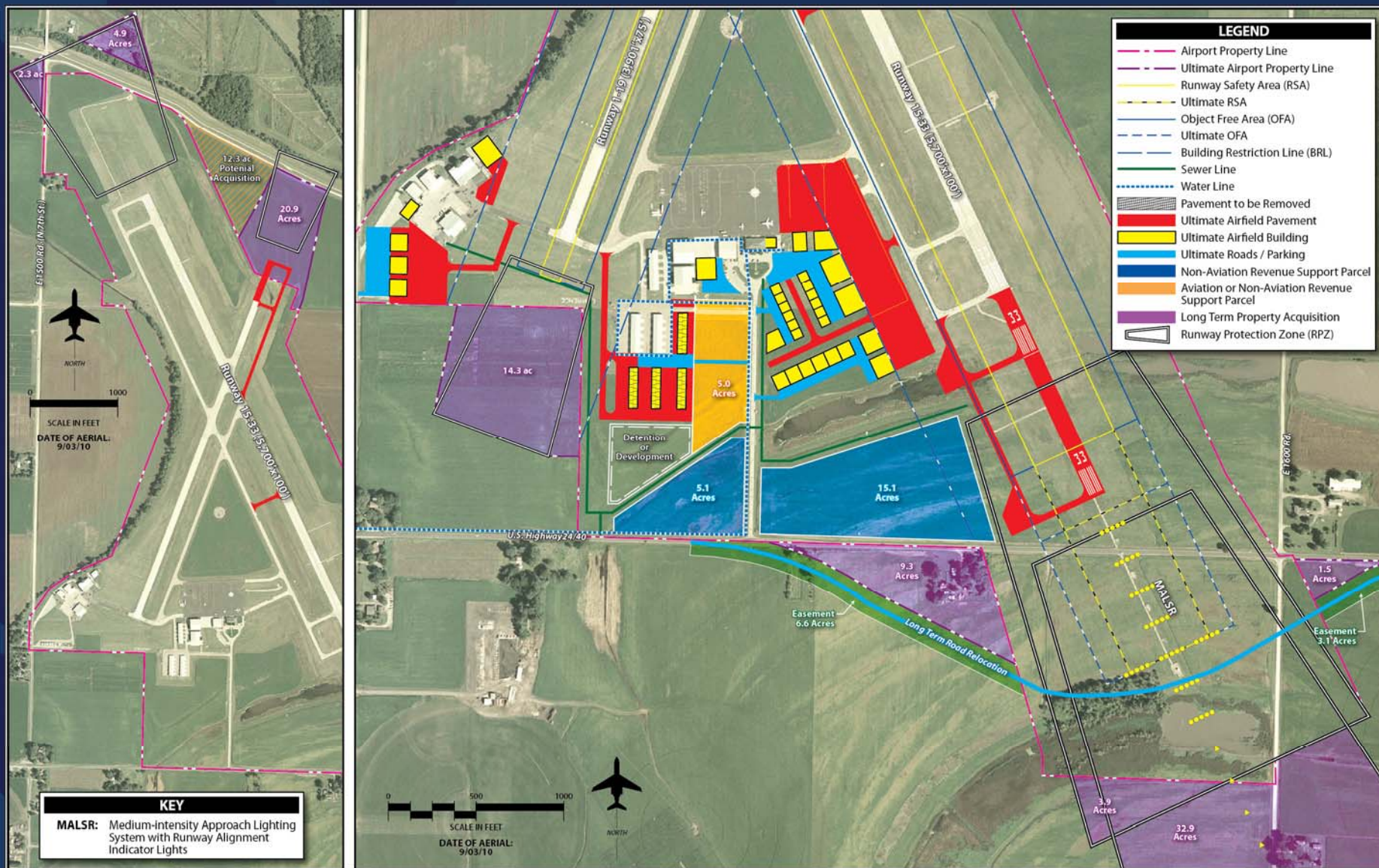


EXHIBIT 5A
MASTER PLAN CONCEPT

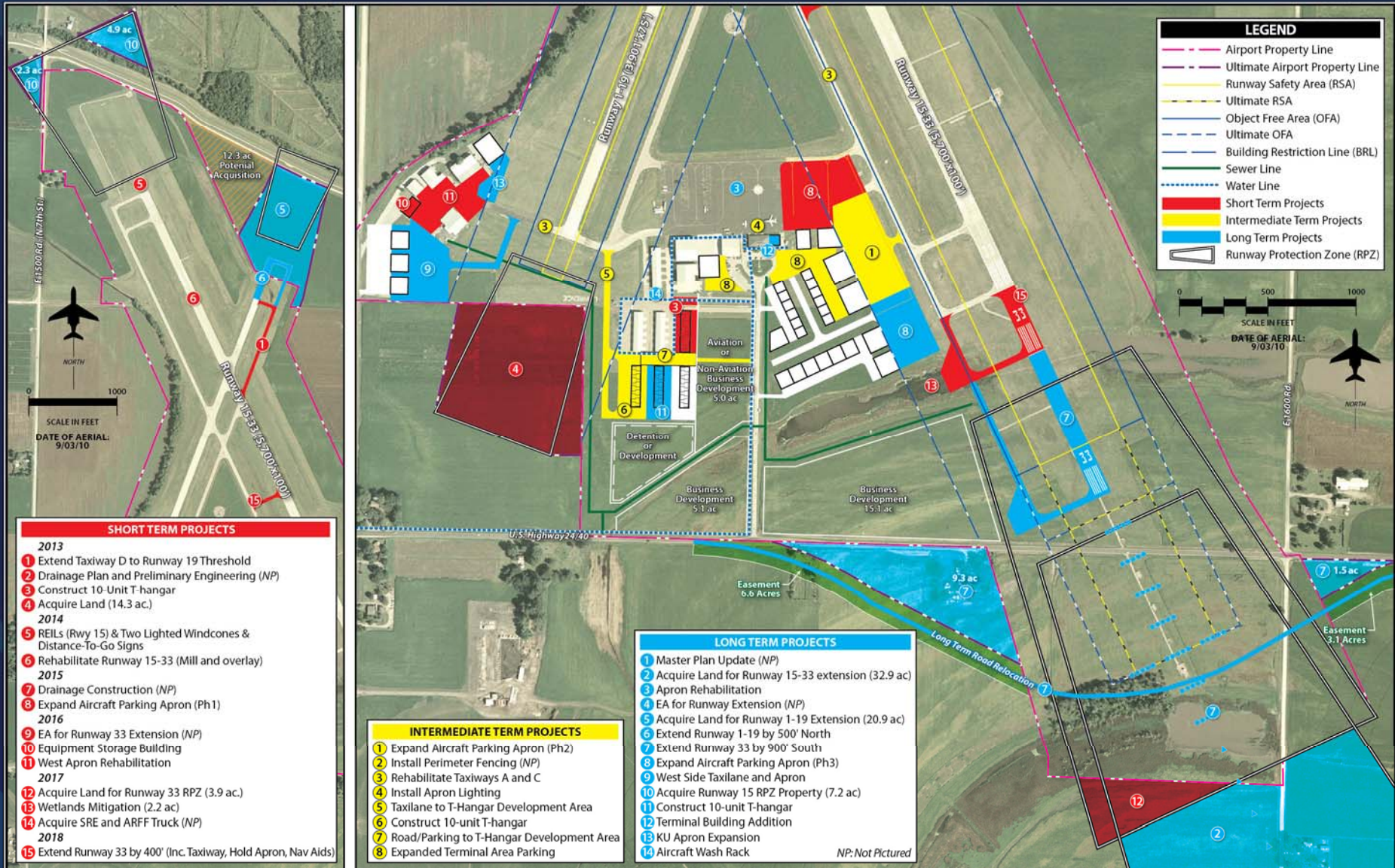


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EXHIBIT 6B

PROJECT STAGING



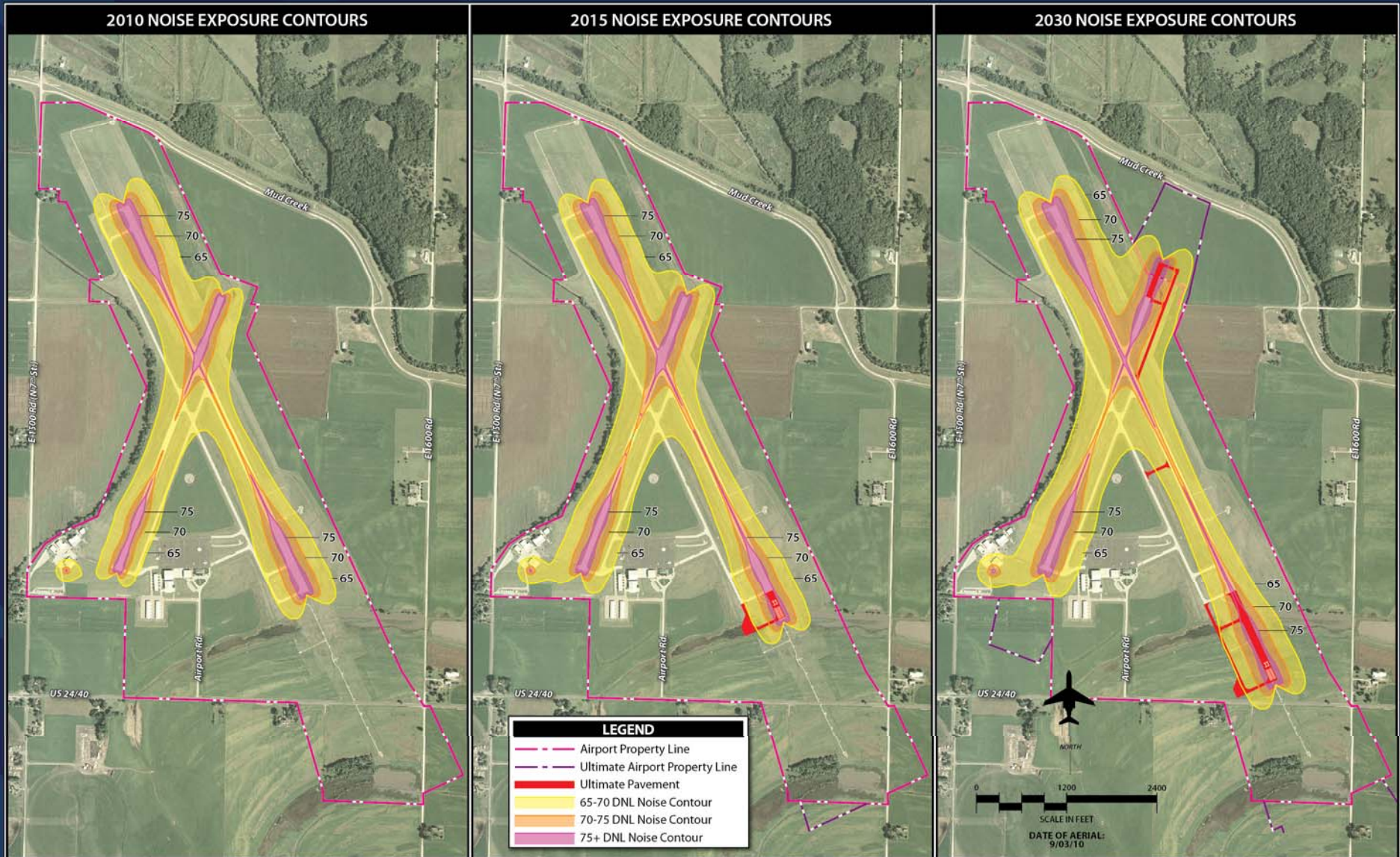
PROJECT DESCRIPTION	PROJECT COST	FAA ELIGIBLE	LOCAL SHARE
TOTAL SHORT TERM PROGRAM	\$11,980,000	\$9,756,500	\$2,223,500
TOTAL INTERMEDIATE TERM PROGRAM	\$5,890,000	\$4,218,000	\$1,672,000
TOTAL LONG TERM PROGRAM	\$17,490,000	\$14,611,000	\$2,879,000
TOTAL PROGRAM COSTS	\$35,360,000	\$28,585,500	\$6,774,500

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EXHIBIT D2

NOISE EXPOSURE CONTOURS



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NEXT STEPS

- Lawrence City Commission Approval
 - Final Master Plan Document
 - Submit ALP to FAA for Approval

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