

# State Of Wisconsin Legislative Council

On

## Airport Authorities



*October 25, 2006*

MILWAUKEE COUNTY'S  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC WORKS

- AIRPORT DIVISION -

The Airport Division operates General Mitchell International Airport and Lawrence J. Timmerman Airport.

The Airport is entirely funded by user fees; no property tax dollars are used for the airport's capital improvements or for its day-to-day operation.

# General Mitchell International Airport Profile



- Over 7 Million Passengers
- 230 Daily Departures
- 90 Cities Served Nonstop or Direct
- 42 gates
- Approx 220,000 Operations

# Economic Impact - 2005



- 38,595 Total Jobs
- \$1.8 Billion Total Revenues
- \$165.2 Million Total State & Local Revenues
- \$69.9 Million Total Federal Revenue



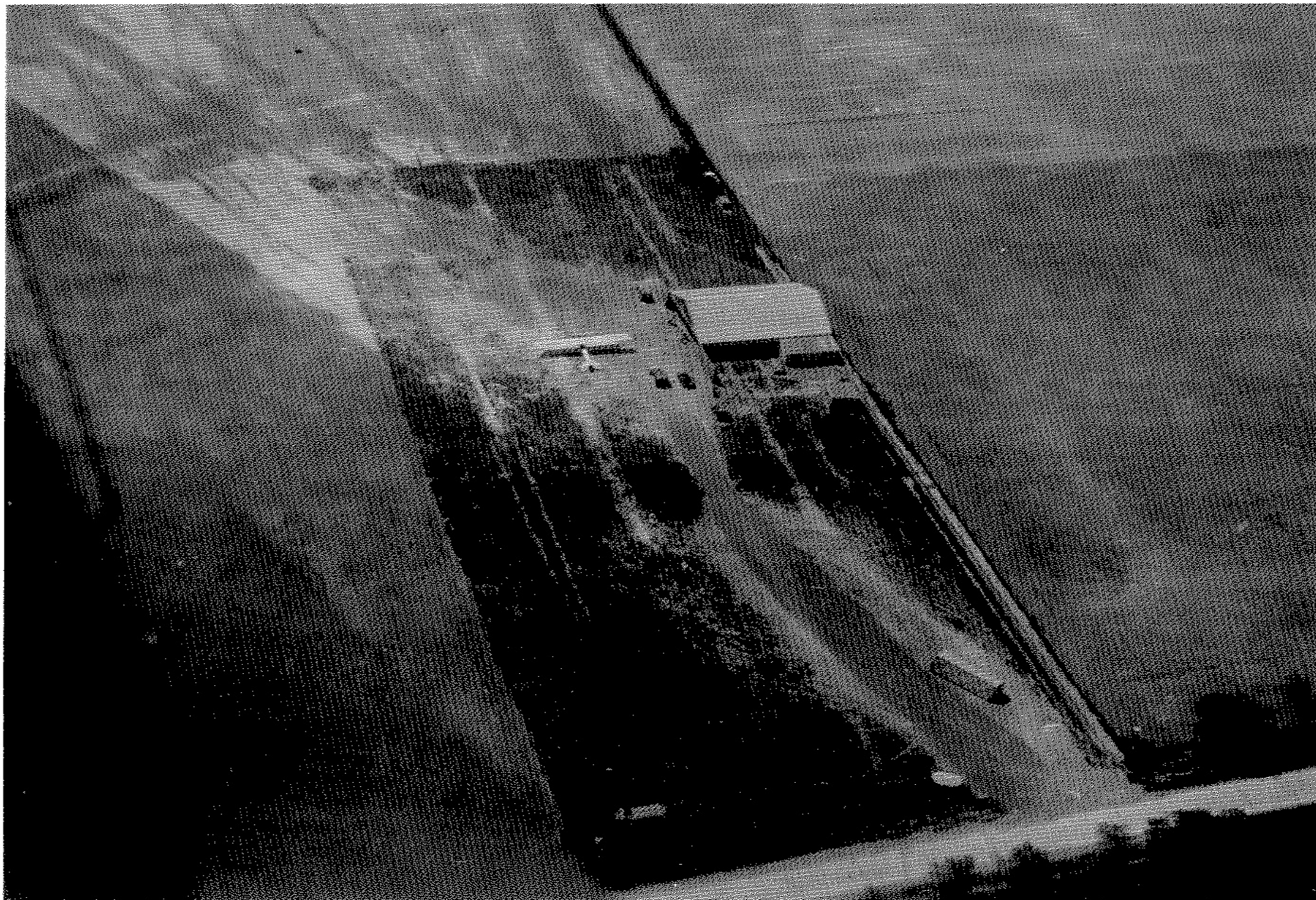


Photo by Albert F. Toepfer

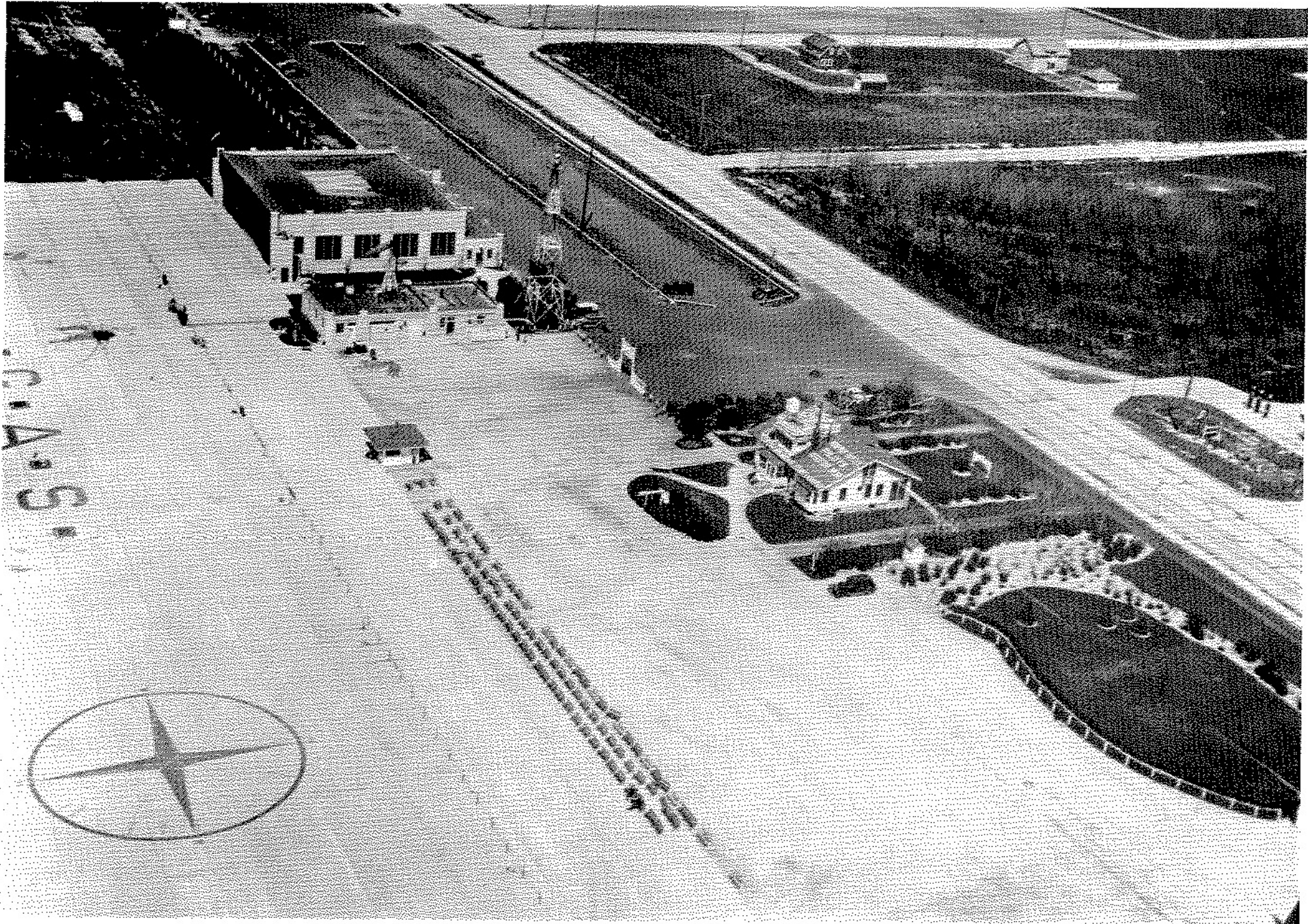
**Milwaukee airport and hangar (looking south) May 1920.  
West Capitol Drive can be seen at the bottom of the picture.**





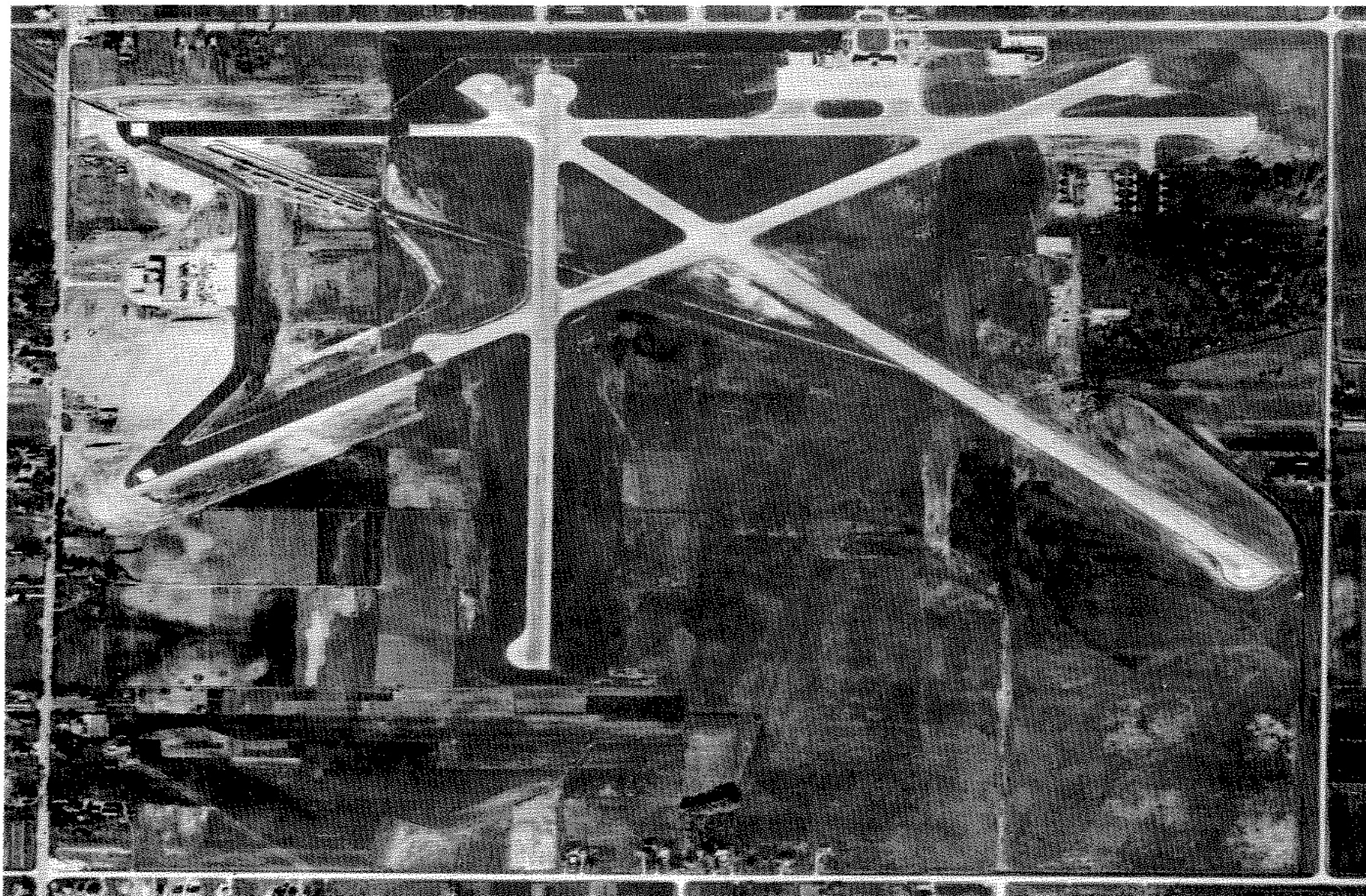
**Hangar area, Milwaukee County Airport, 1927  
East Layton Avenue across the top of the photo.**





Terminal area Milwaukee County Airport, 1932. East Layton Avenue at right.

# GENERAL MITCHELL FIELD 1941 - 1955

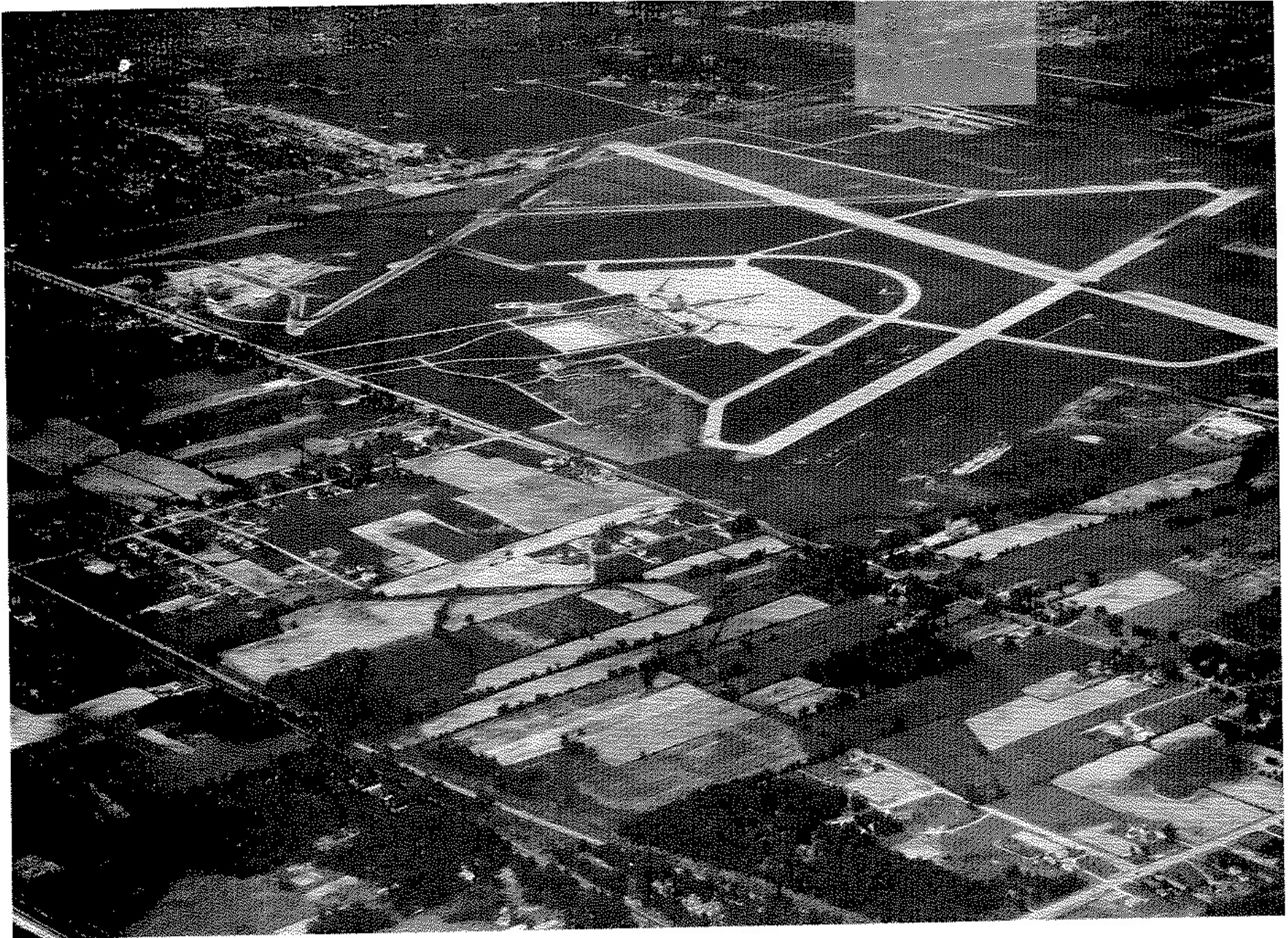




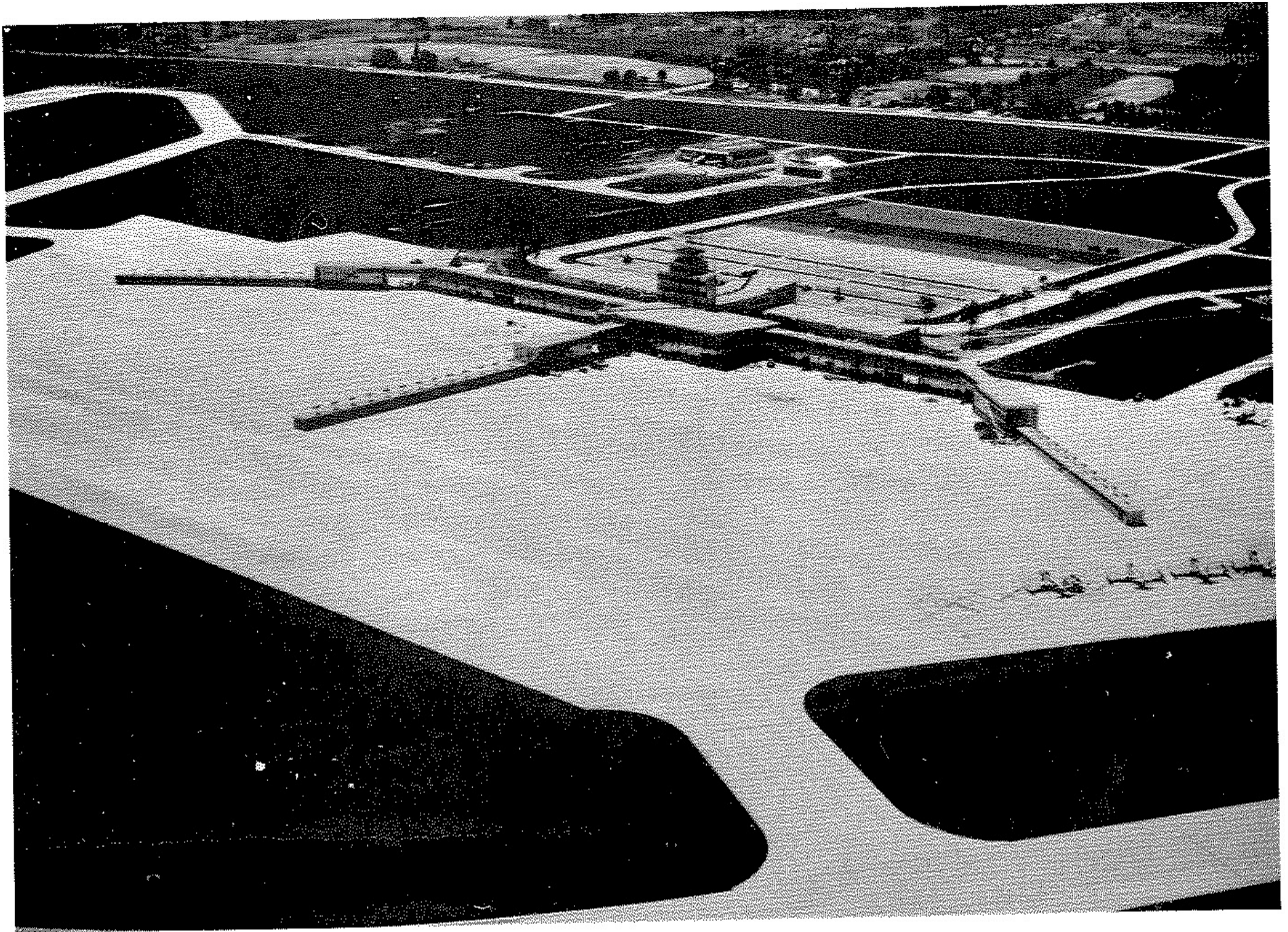


**Field side of the new administration building, 1940.**





**View looking northeast.**



**View looking southwest.**

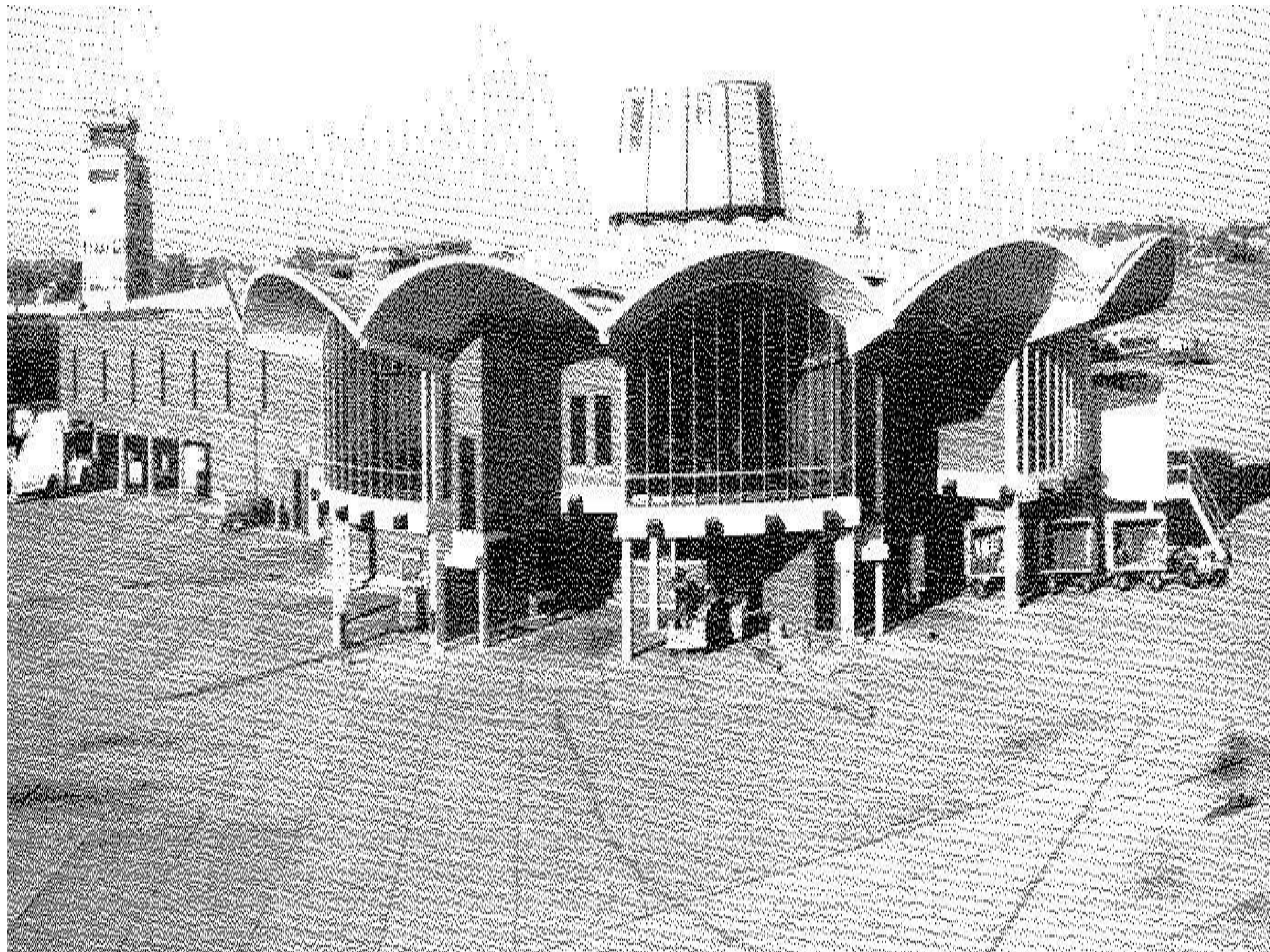




**Ready for business.**

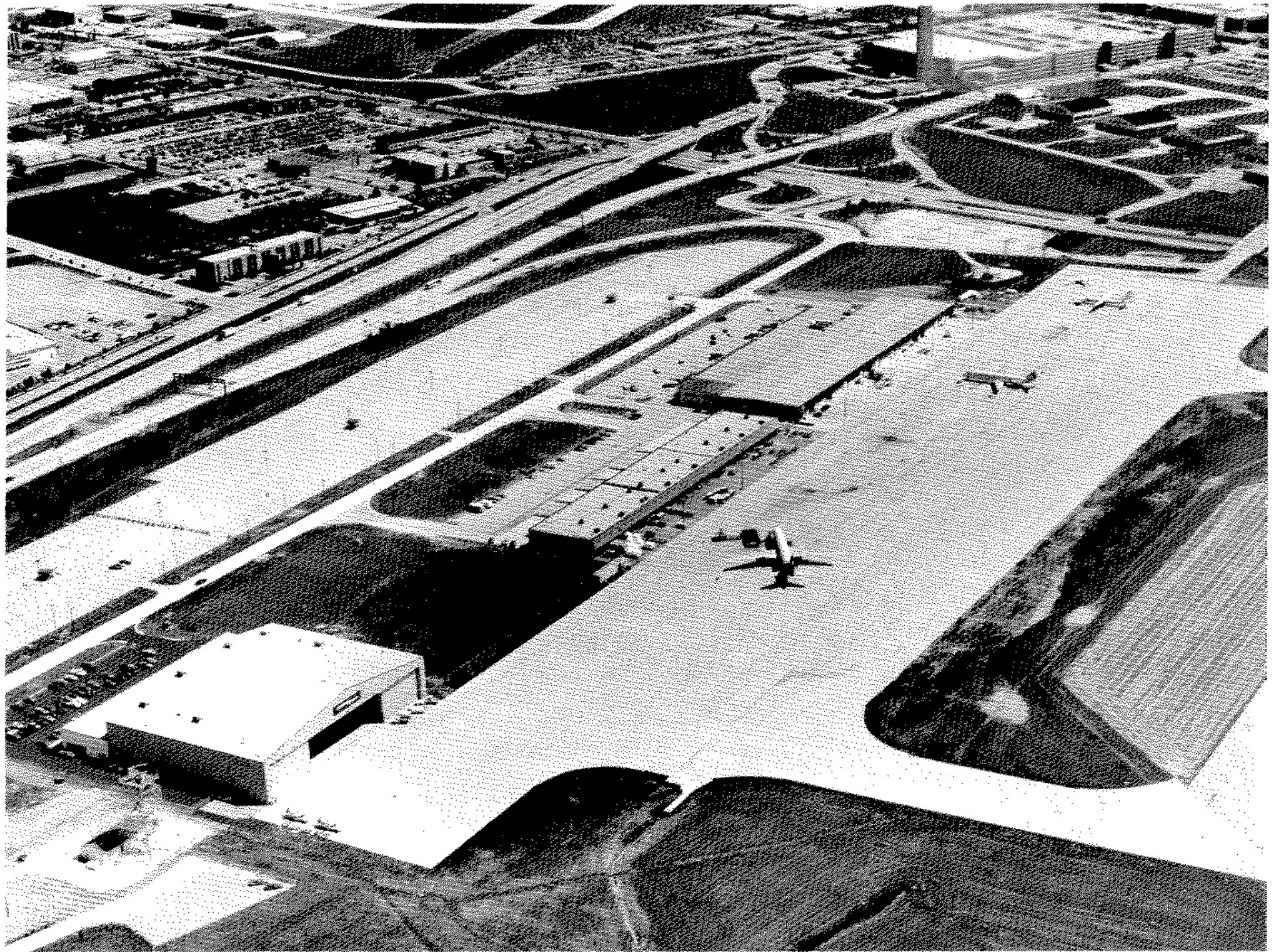












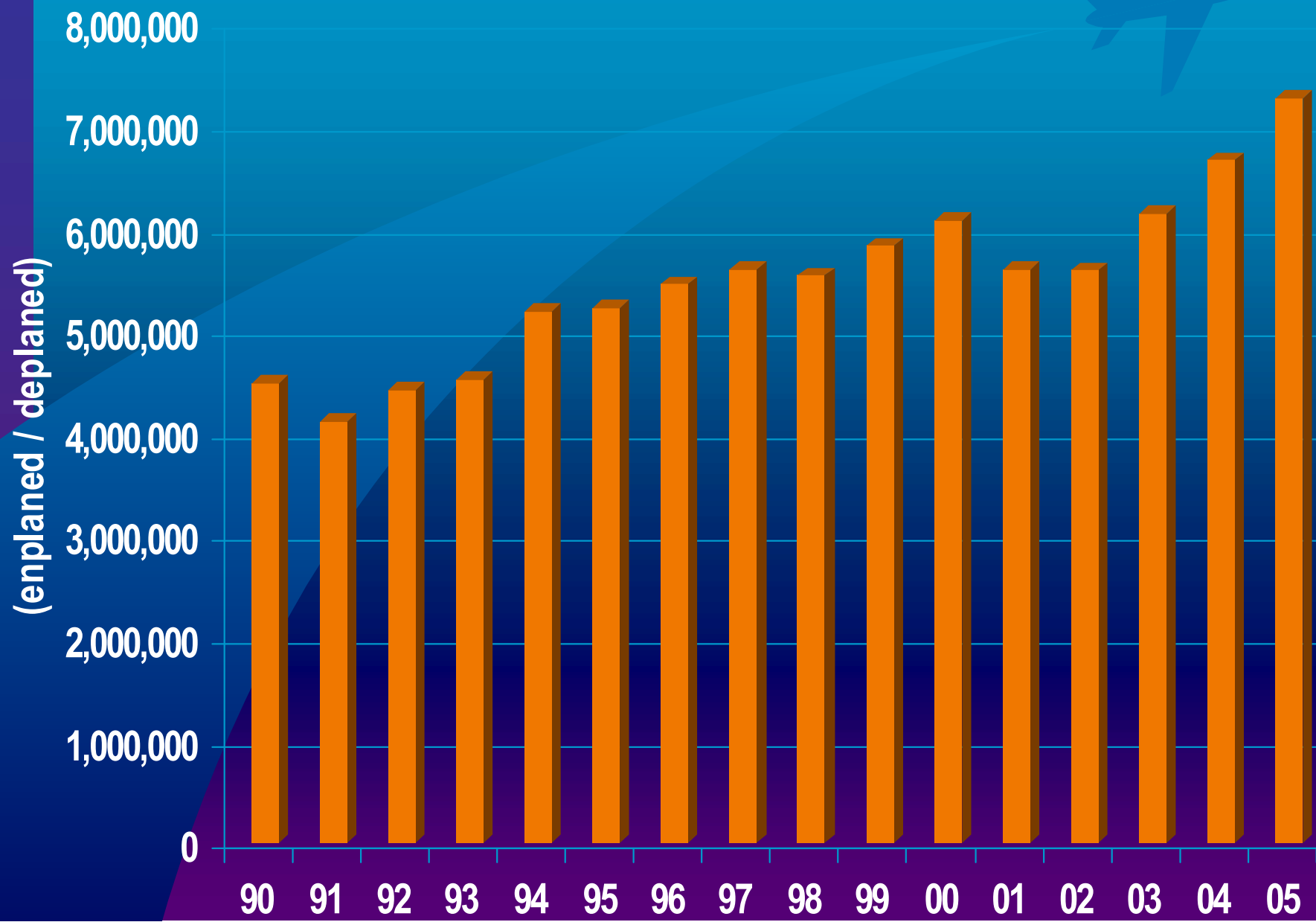




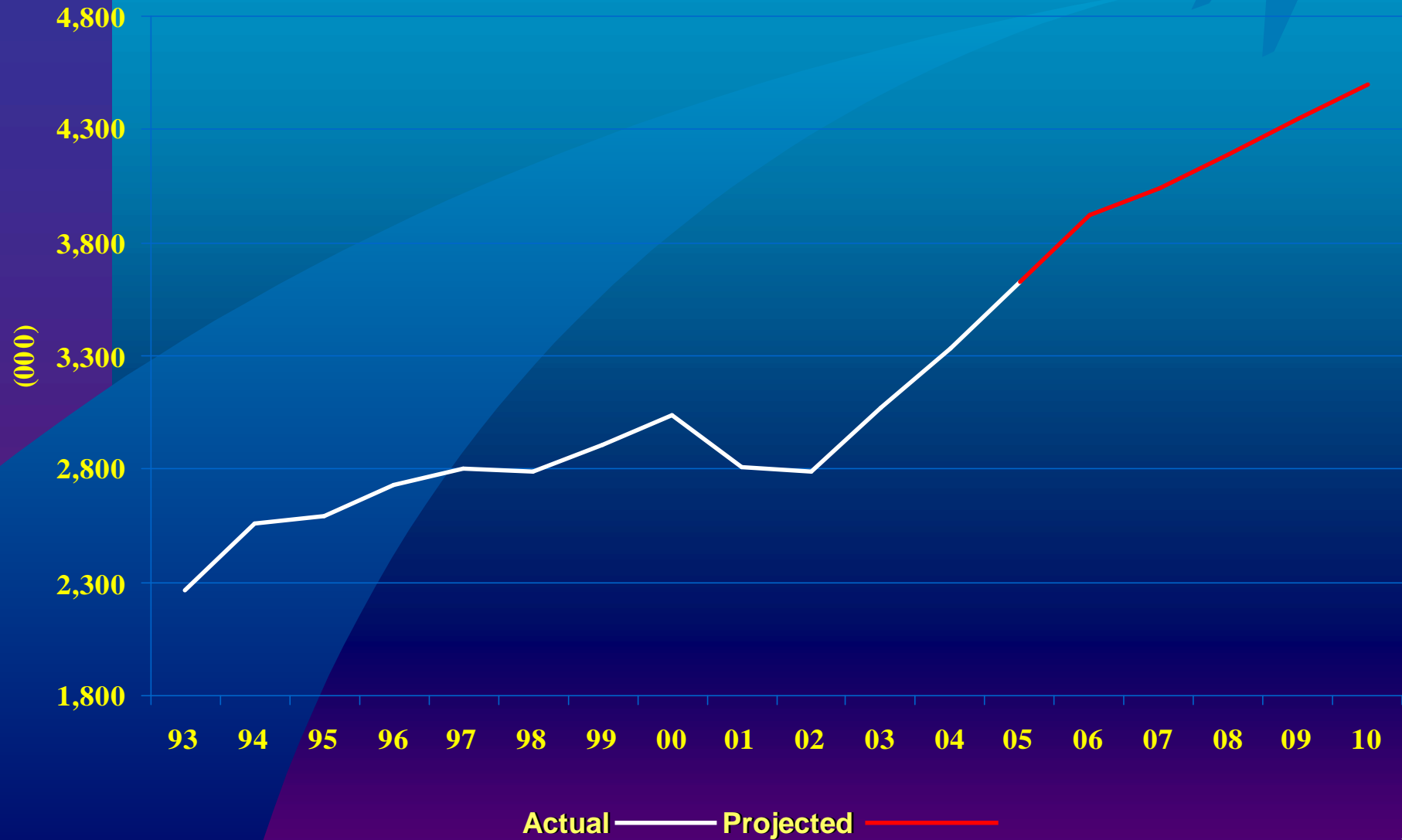
# GMIA Total Passengers (Enplaned & Deplaned)



# Total Passengers

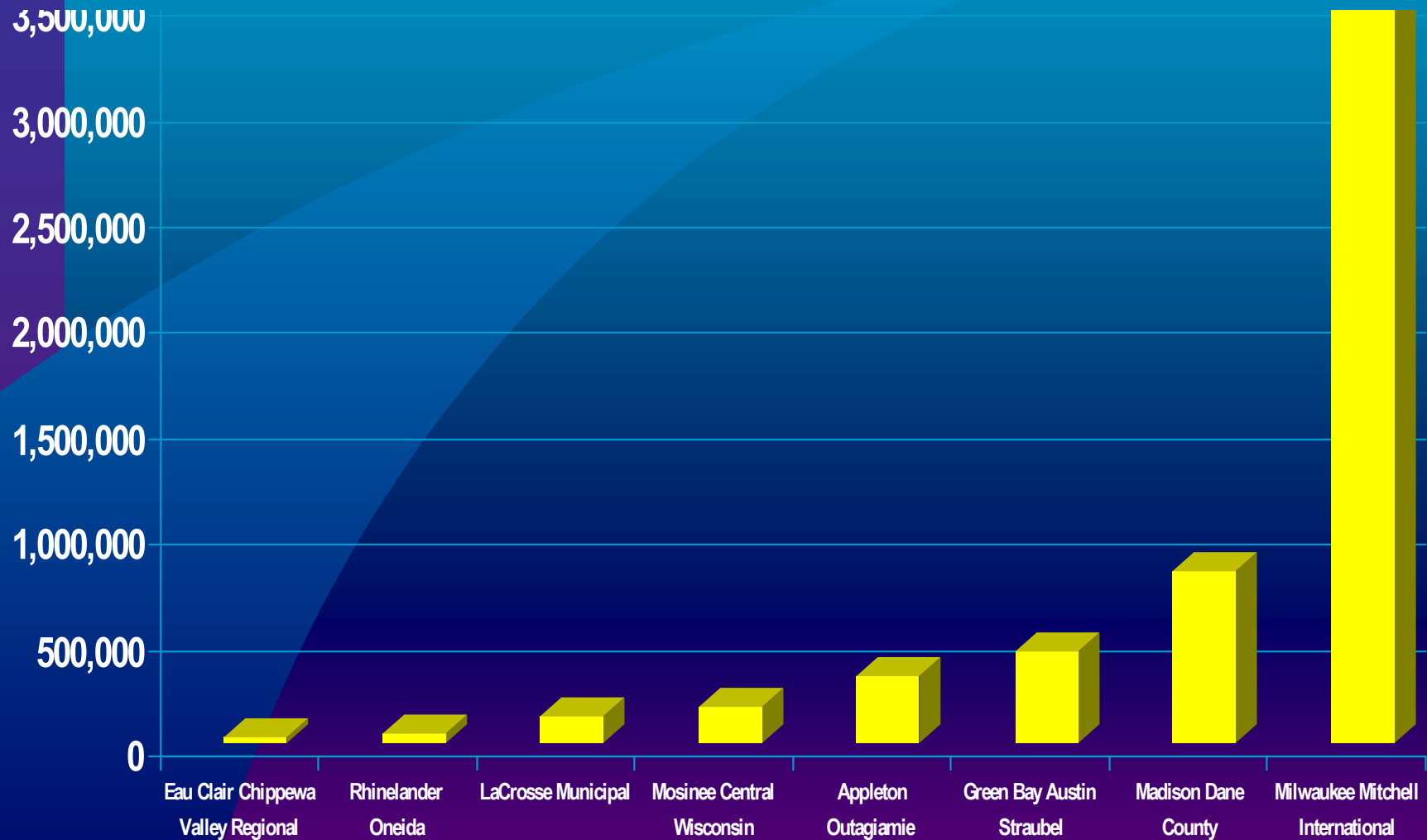


# GMIA Enplanements (1993 - 2010)

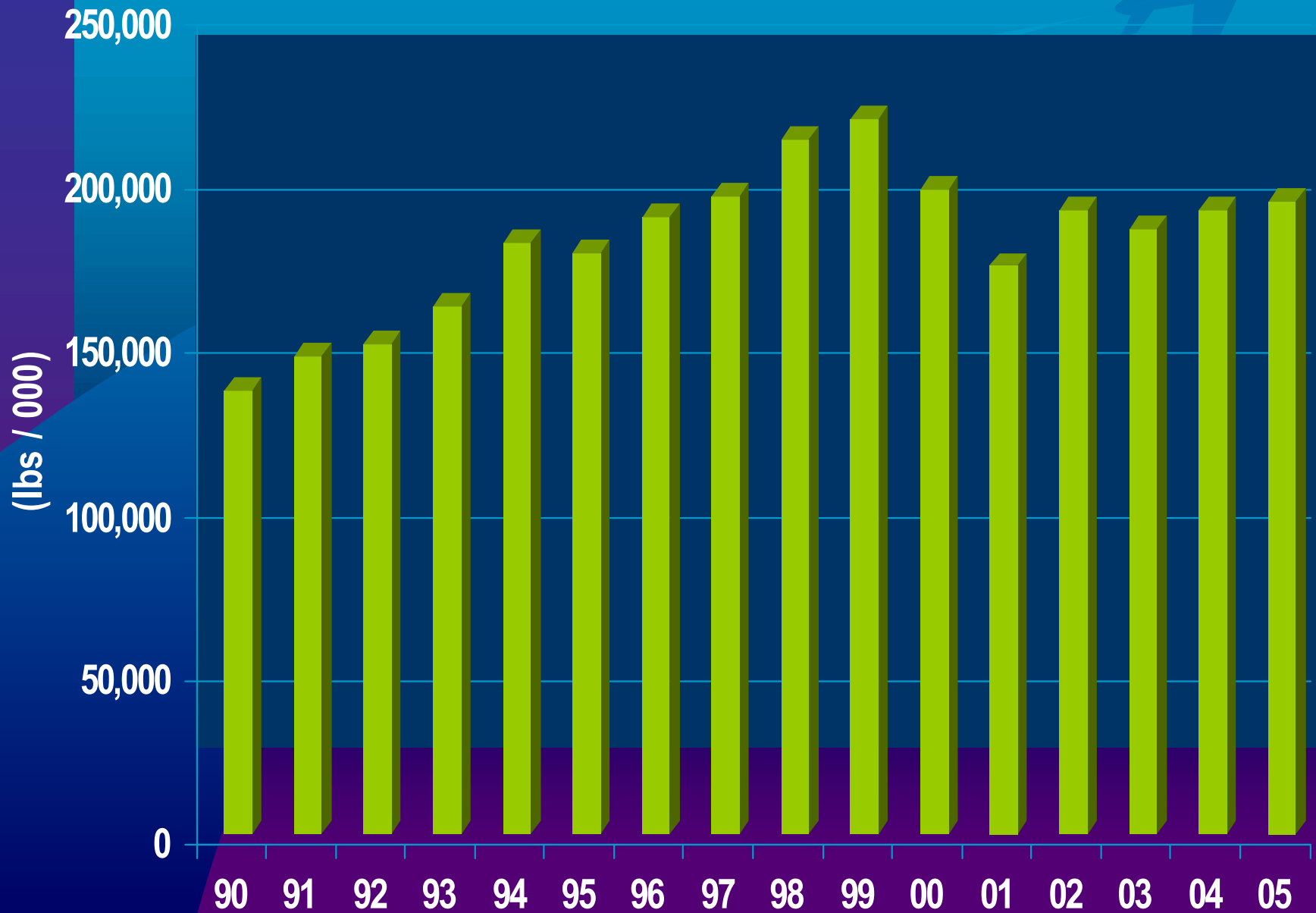




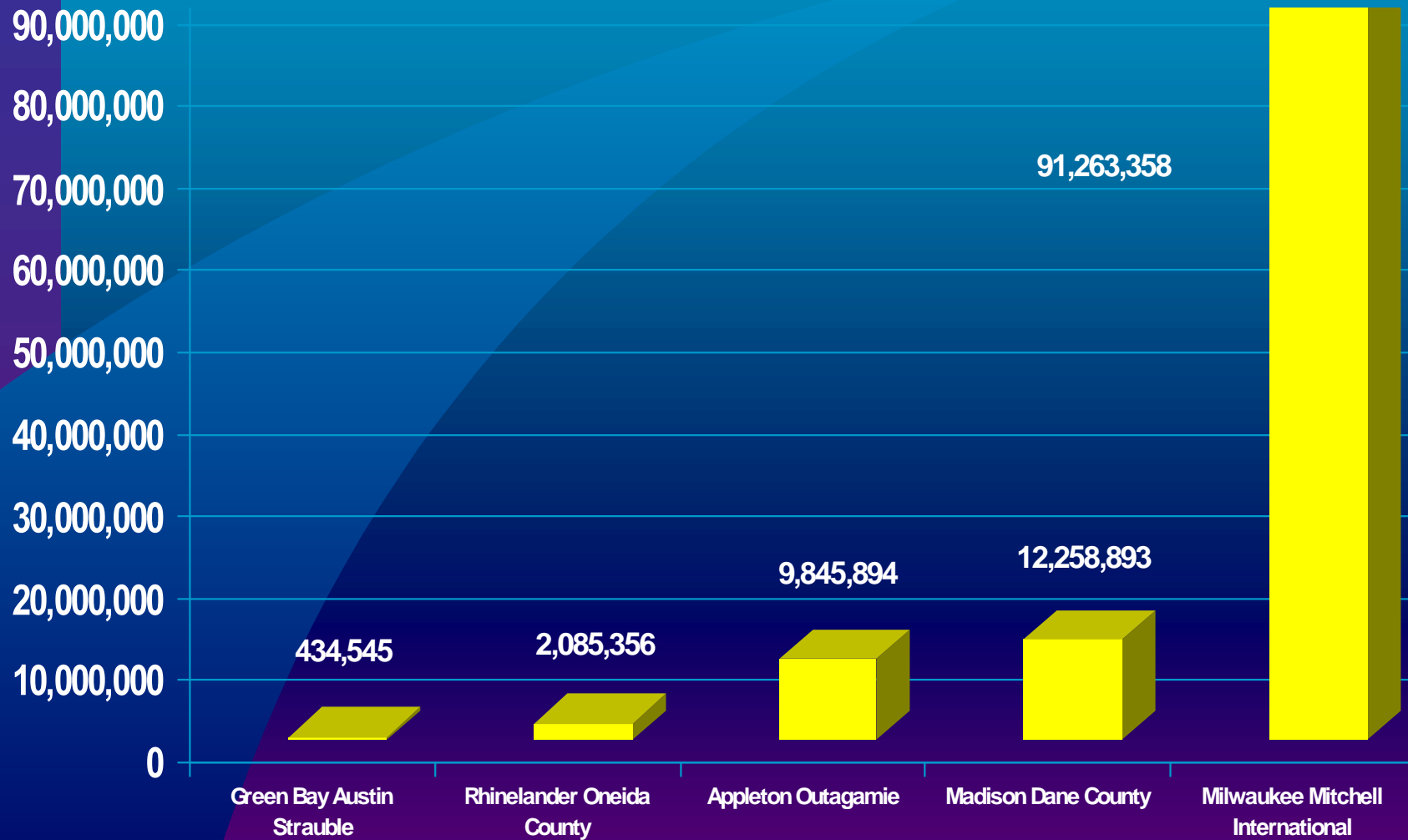
# Wisconsin Airports 2005 Enplanements



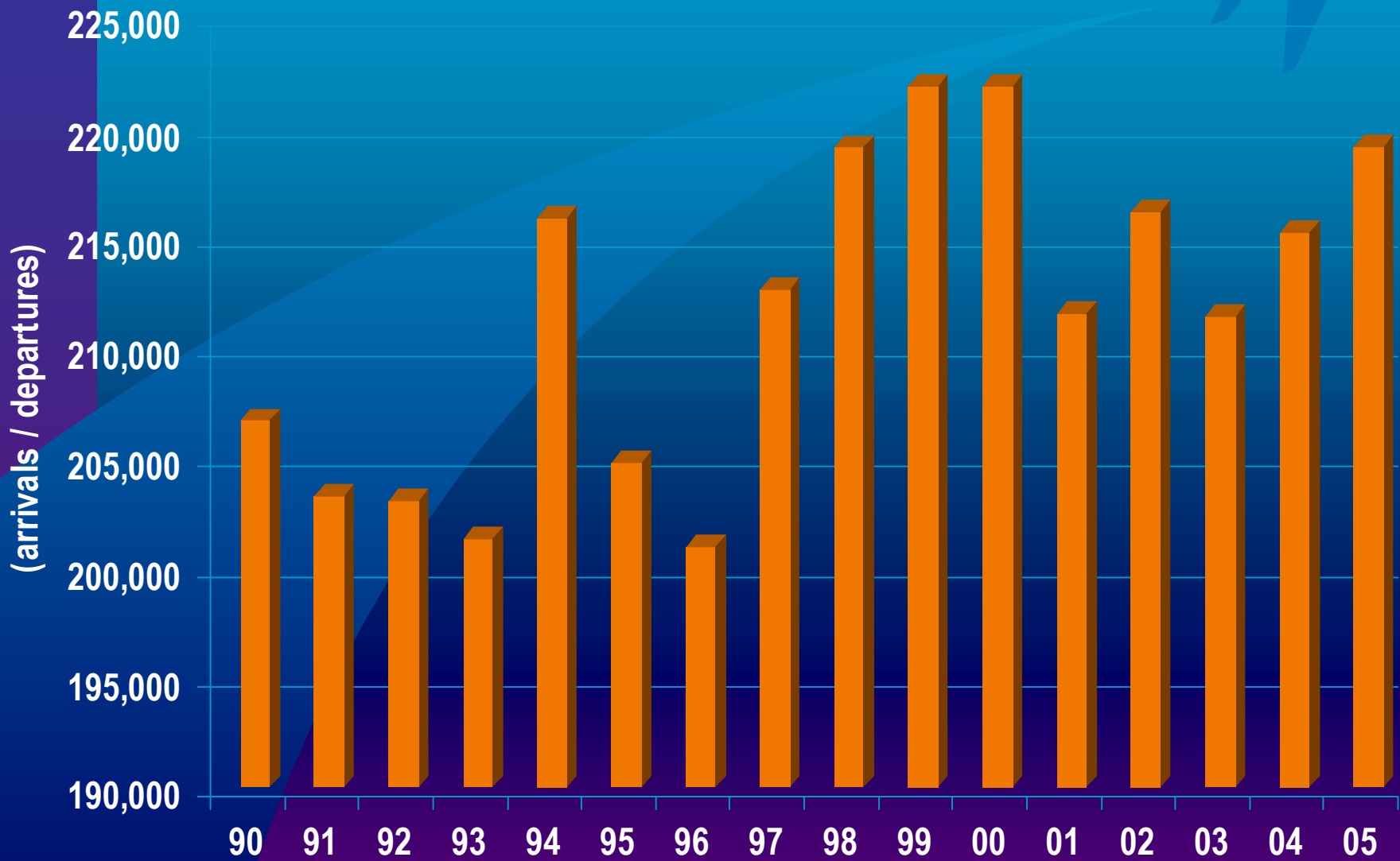
# Total Air Freight



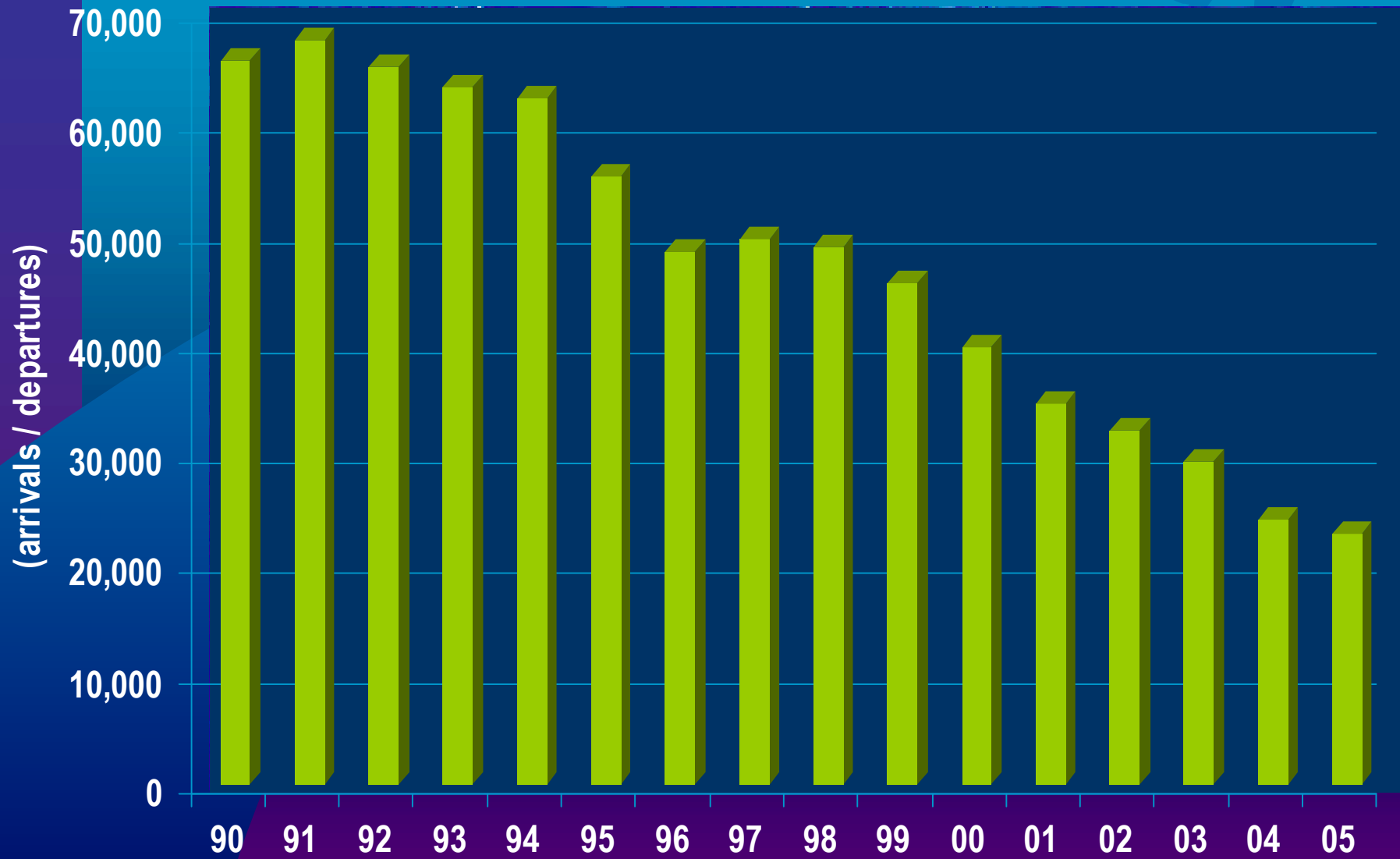
# Wisconsin Airports 2005 Enplaned Cargo (Lbs)



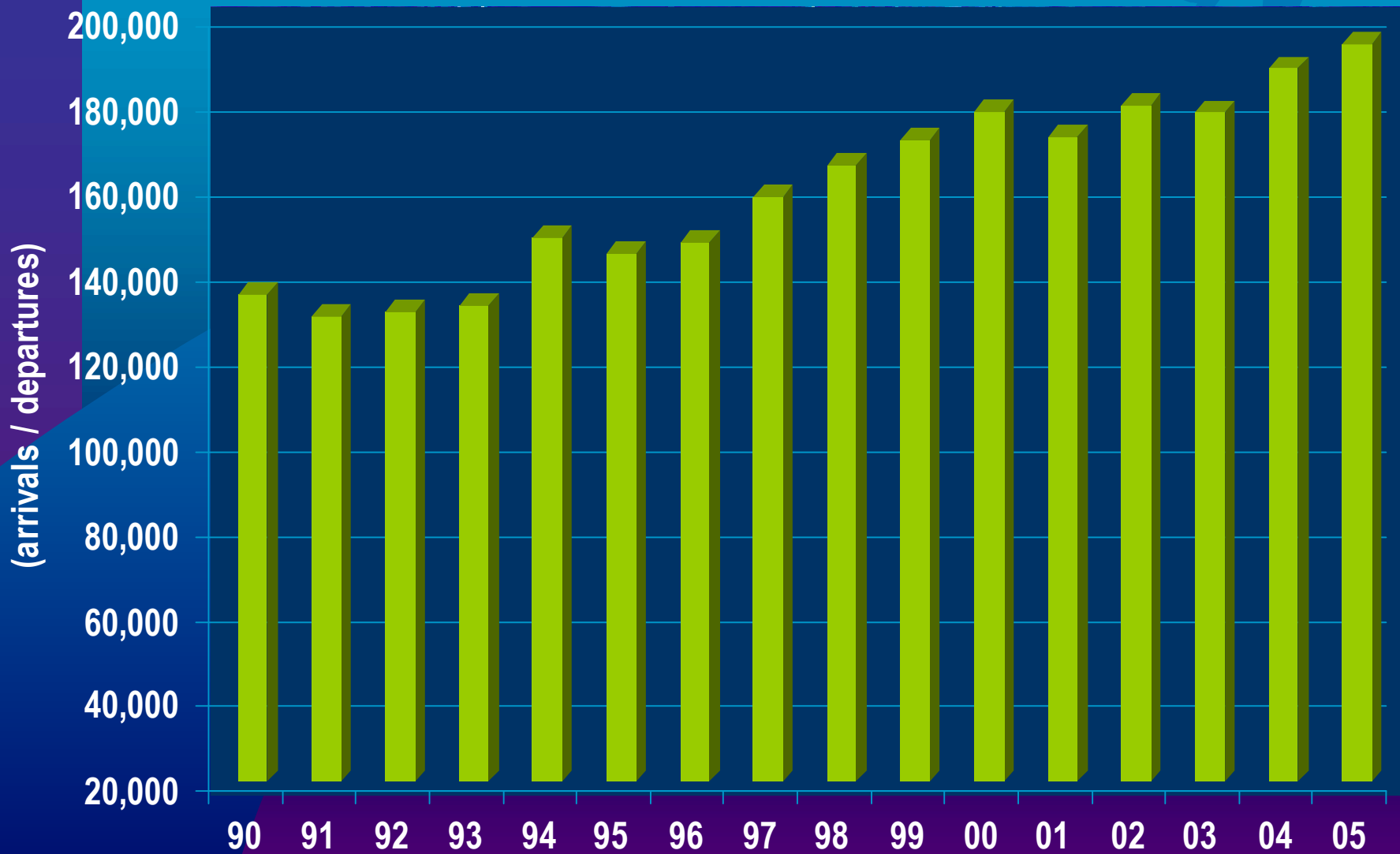
# Total Operations



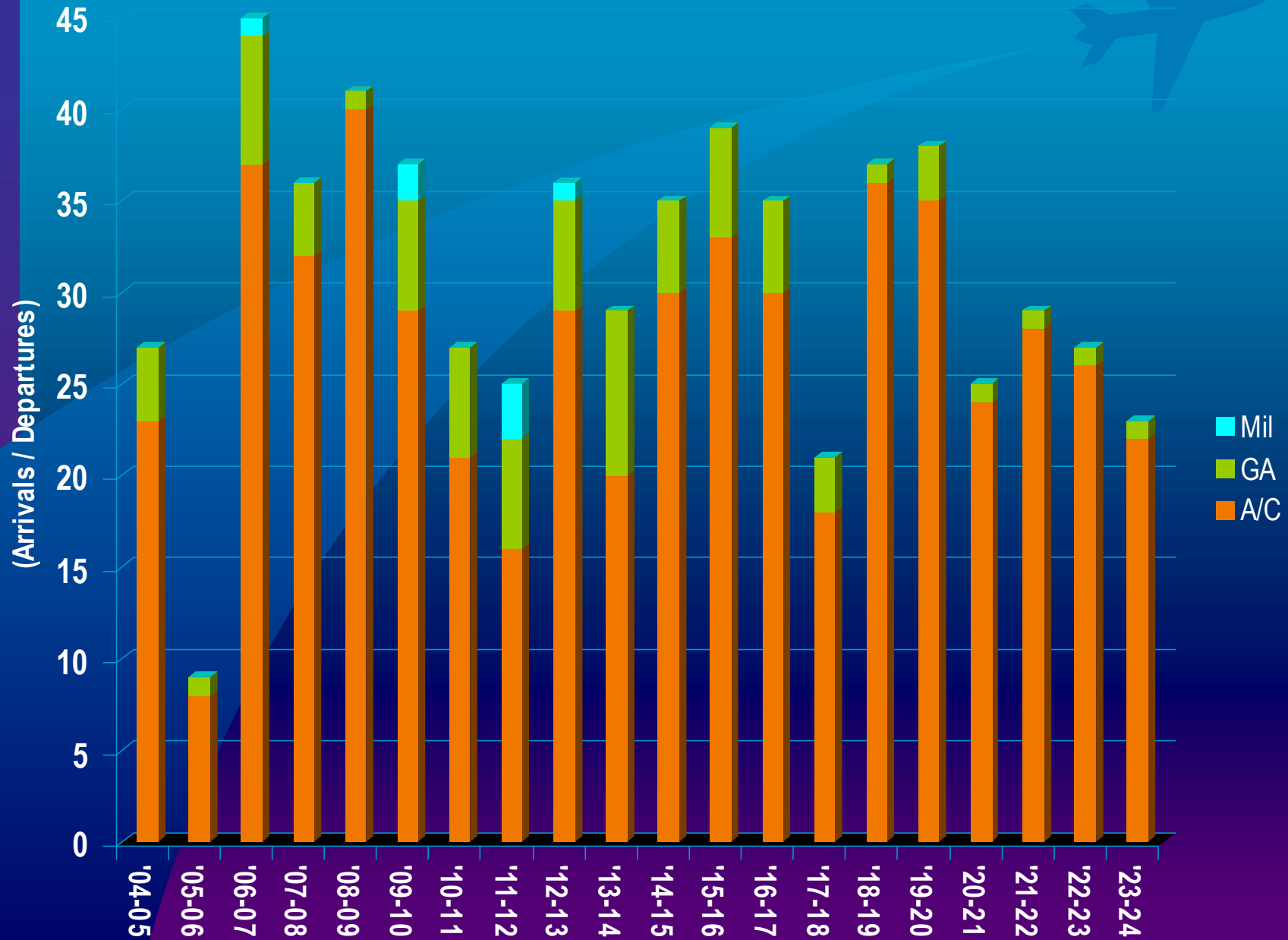
# Total General Aviation Operations



# Total Air Carrier Operations



# Daily Flight Schedule



# **MIKE**

## **Top Destinations 2005**



- **New York**
- **Orlando**
- **Las Vegas**
- **Atlanta**
- **Phoenix**
- **Denver**
- **Los Angeles**
- **Washington**
- **Tampa**
- **Minneapolis**



# Cities Served Nonstop



# U.S. AIRPORT SERVICE ANALYSIS

## By Total Domestic Markets Served

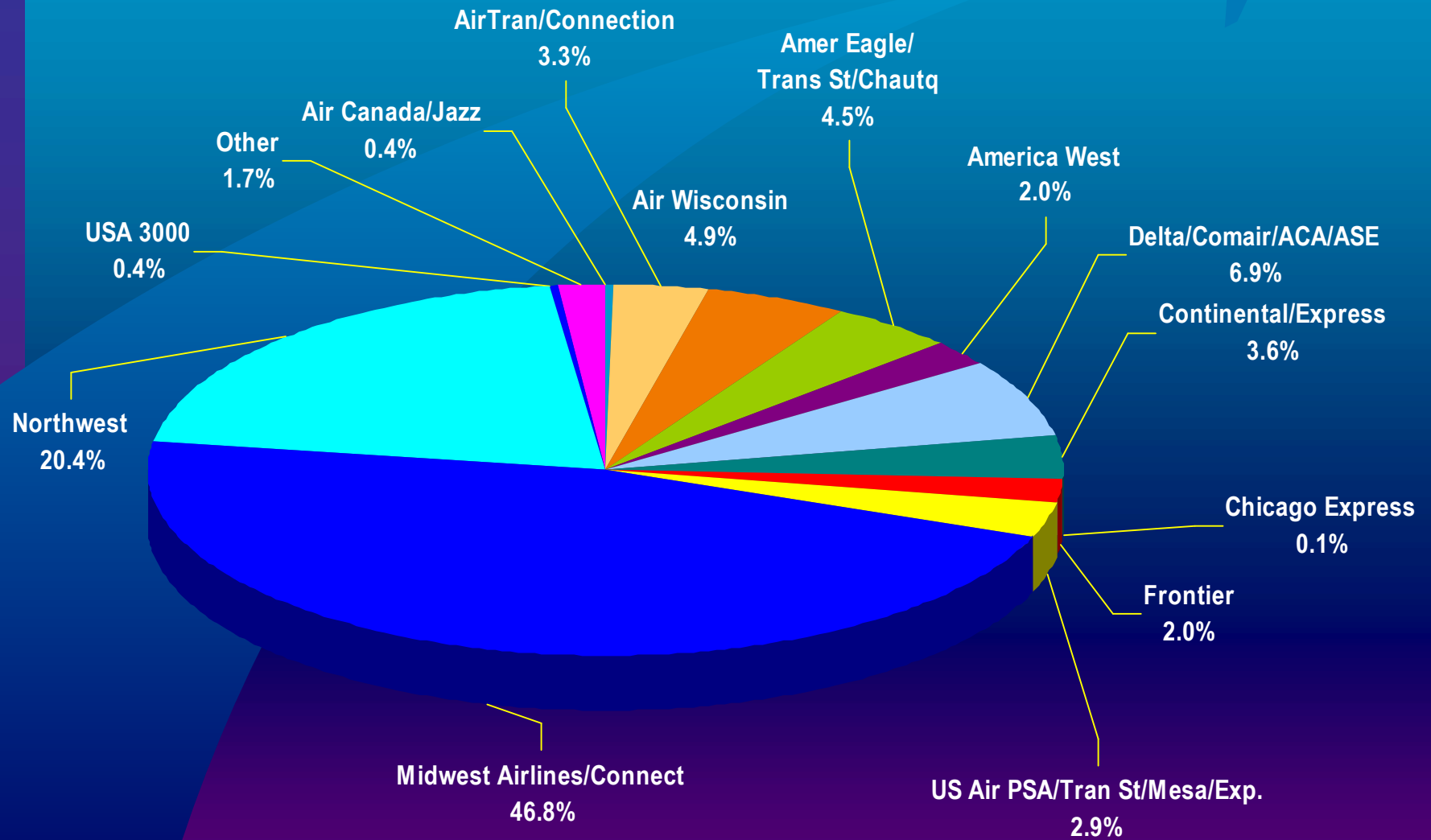
### Airports Ranked 28<sup>th</sup> thru 36<sup>th</sup> – 2004



RANKING	AIRPORT	MARKETS SERVED	WEEKLY DEPARTURES
28	Fort Lauderdale	71	2,181
29	Salt Lake City	71	2,739
30	Washington National	69	2,606
31	Chicago Midway	68	2,336
32	Tampa	66	1,889
33	San Juan	59	1,717
34	Milwaukee	53	1,532
35	Honolulu	51	1,421
36	Nashville	50	1,350

(Source – “Airports Aviation Weeks”)

# Air Carrier Market Shares (Calendar Year 2005)



# **Finance & Administration**



**GMIA and LJT Finance and Accounting  
are:**

- 1. Governed by 25 year Agreement with Airlines**
- 2. Generating defined County Surplus until 2010**
- 3. Operationally 'Breaks Even' -- Every Year.**

# Finance & Administration



## Airline Lease Structure:

1. True “Enterprise”
2. 11 Signatory Carriers
3. Committed to September 30, 2010
4. Can Approve or Disapprove Capital Improvement Projects (County Can Proceed in 3 Years)
5. Can “Comment” on Operating Budget

# Finance & Administration



## Major Revenue Sources:

1. **Parking Fees**
2. **Landing Fees/Airline Rental Fees**
3. **Car Rental Commission Fees**
4. **PFCs**
  - a) \$9,000,000 Collected Annually via \$3 Per Ticket Fee
  - b) Funds “Eligible” Capital Projects, Noise Programs, Concourse Expansion
  - c) Authorization Currently Extends to 2017
5. **Federal & State Grants**
  - a) Airport Improvement Program (AIP) Entitlement Grants \$3 Million Annually
  - b) Cargo Grants \$400,000 Annually
  - c) Noise Discretionary Grants \$5 Million, Residential \$3 Million, Church & School
  - d) State “Matches” Local Share of Federal Grants

# General Mitchell International Airport

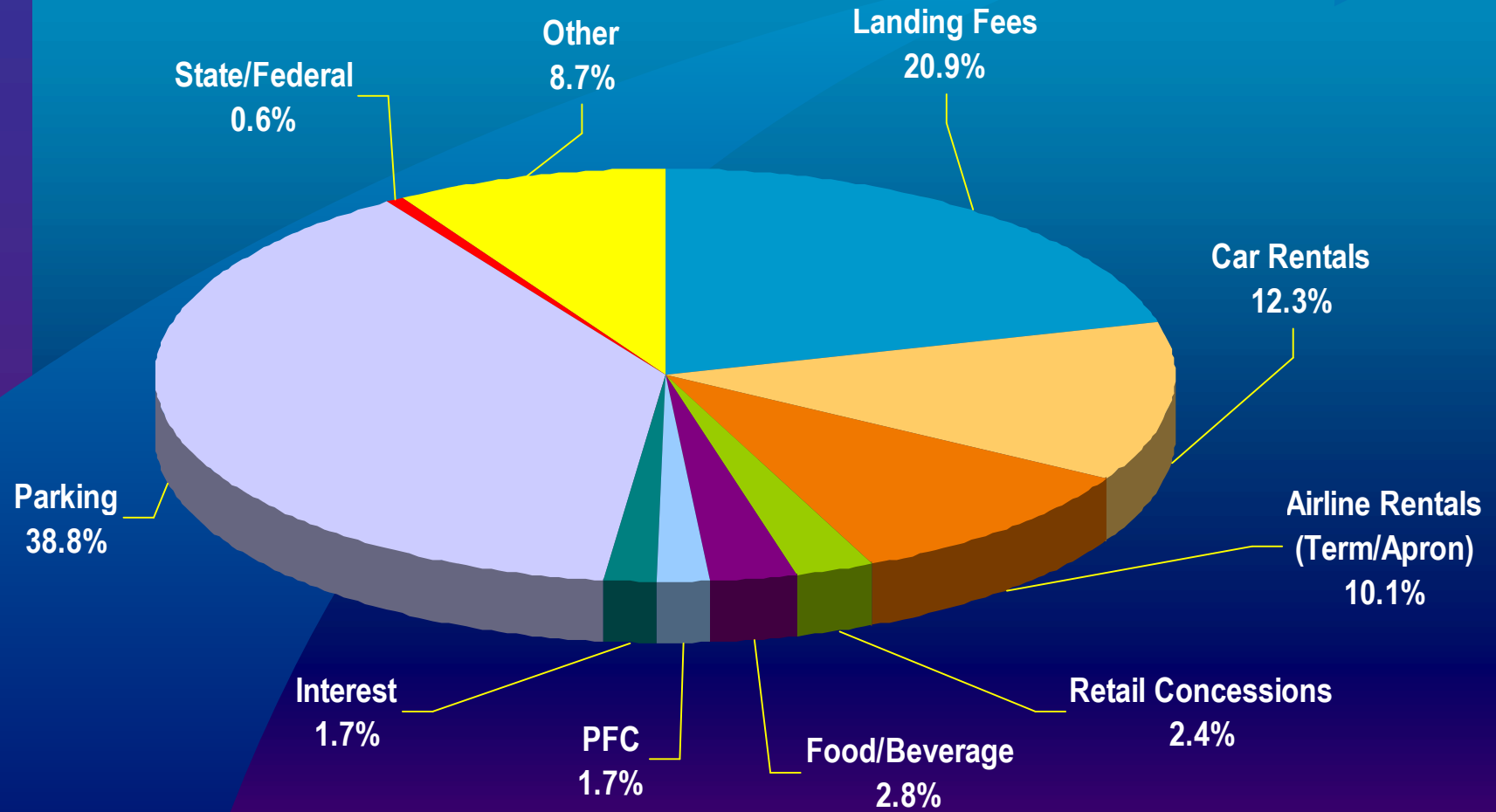
2005 Airport Revenues	\$57,246,205
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2005 Airport Expenses	\$56,182,860
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Operating Budget Surplus	\$ 1,063,345
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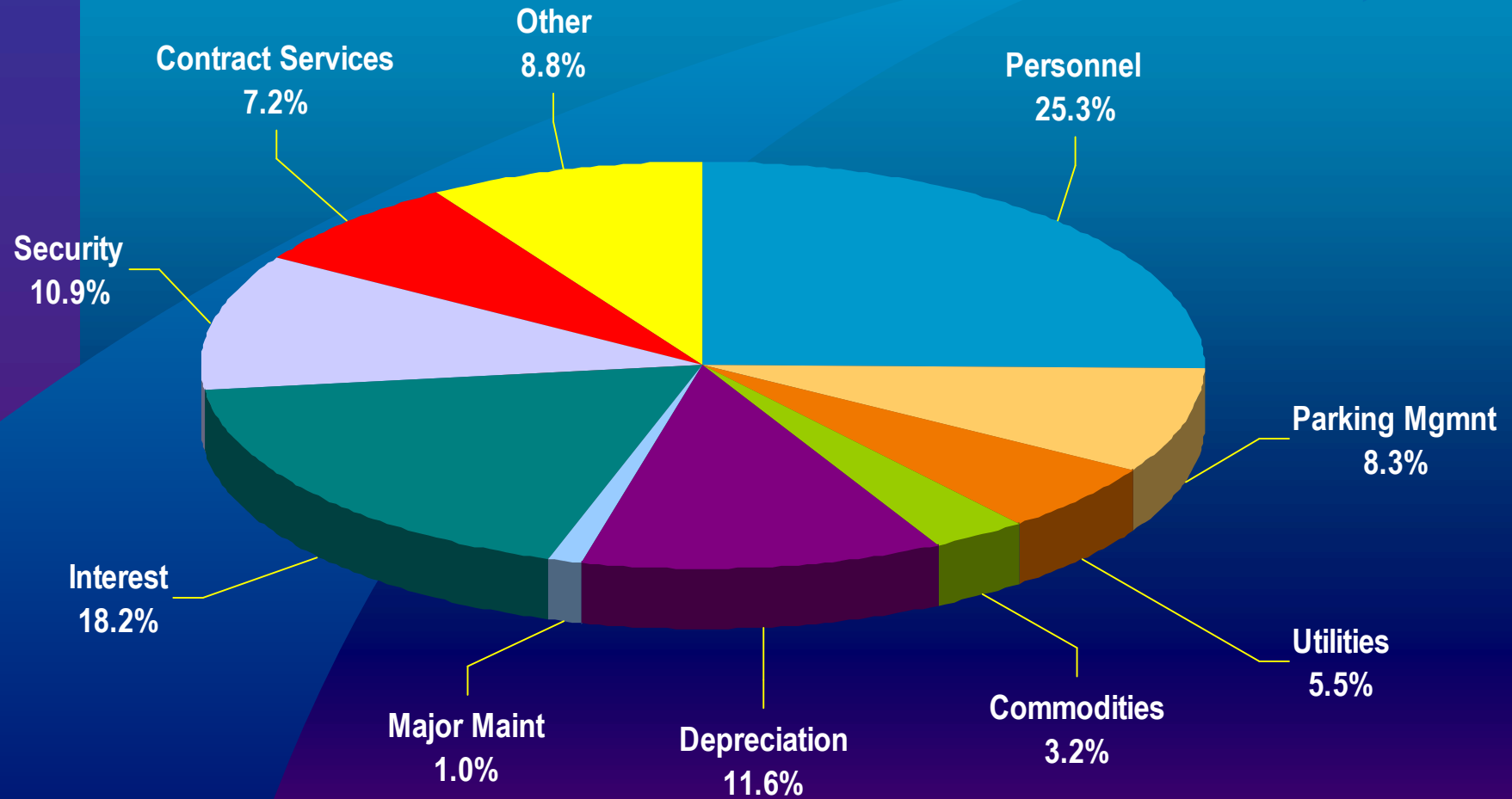
This slide portrays the adopted 2005 Airport Operating Budget. The total impact on the Milwaukee County tax levy in 2005, inclusive of all non-operating budget interagency transfers, is a surplus to the County of \$2,079,108.

# 2005 Revenues





# 2005 Expenditures



# Airline Share of Total Airport Expenditures



\$60,000,000

\$50,000,000

\$40,000,000

\$30,000,000

\$20,000,000

\$10,000,000

\$0

1994

1995

1996

1997

1998

1999

2000

2001

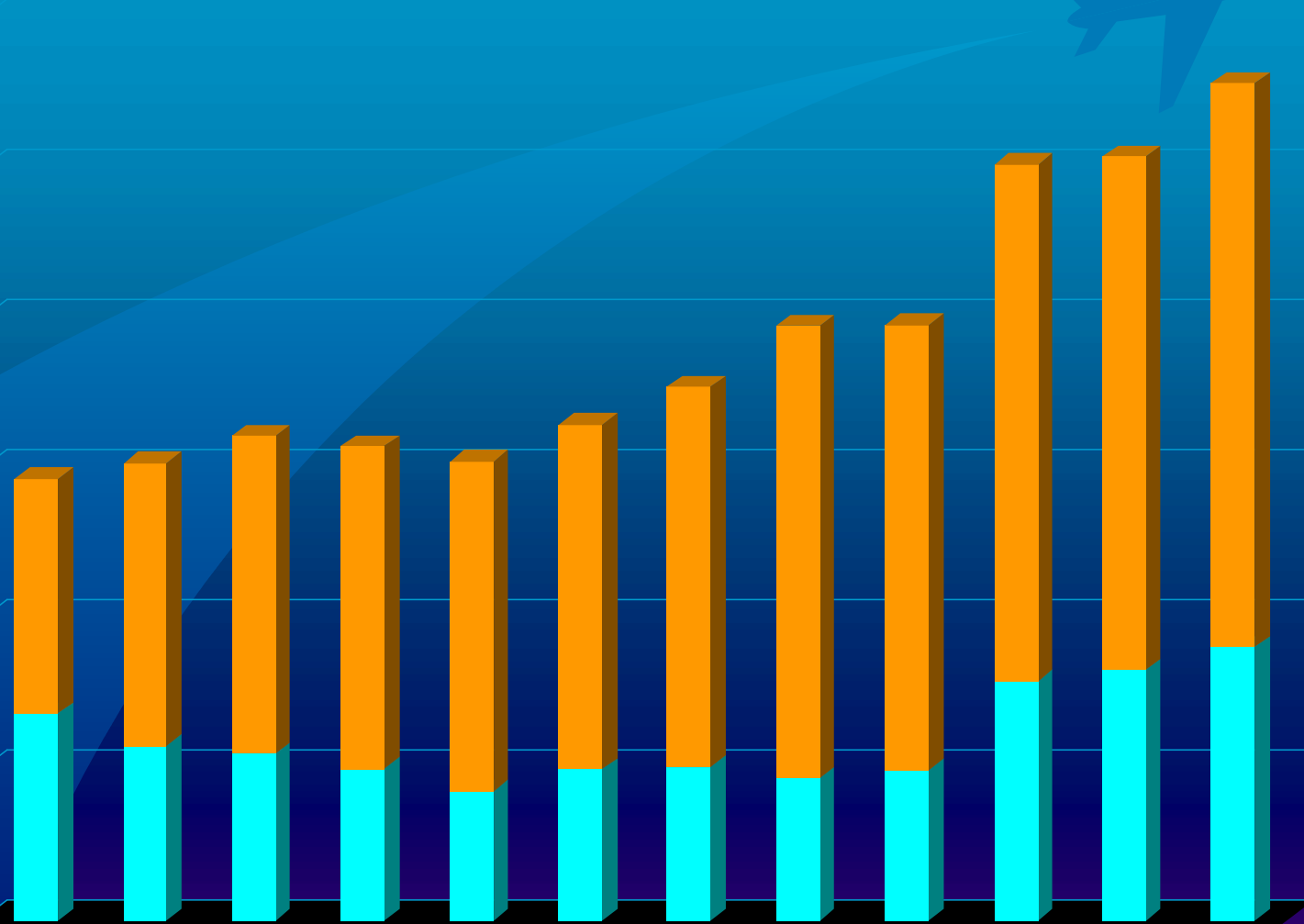
2002

2003

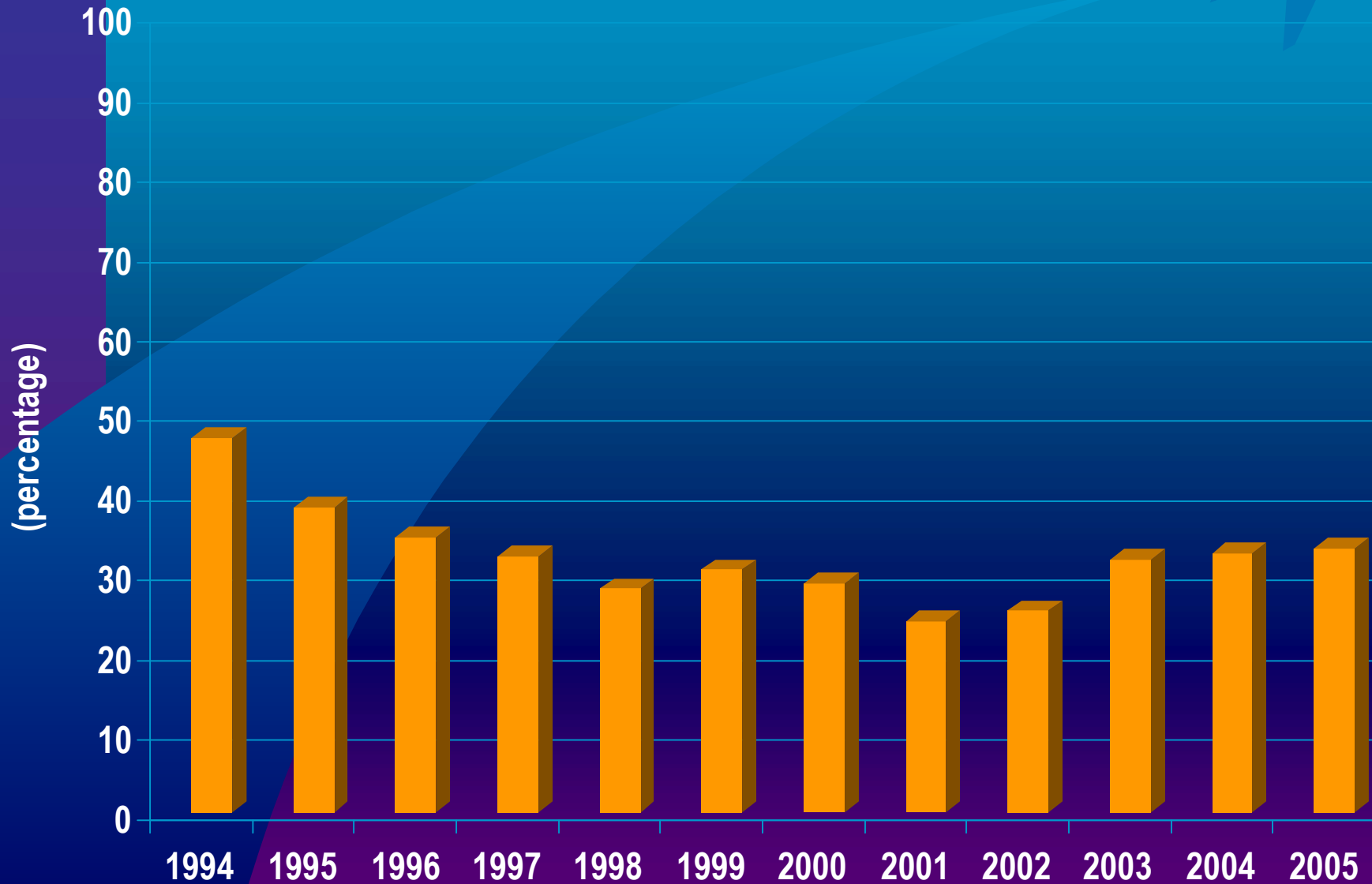
2004

2005

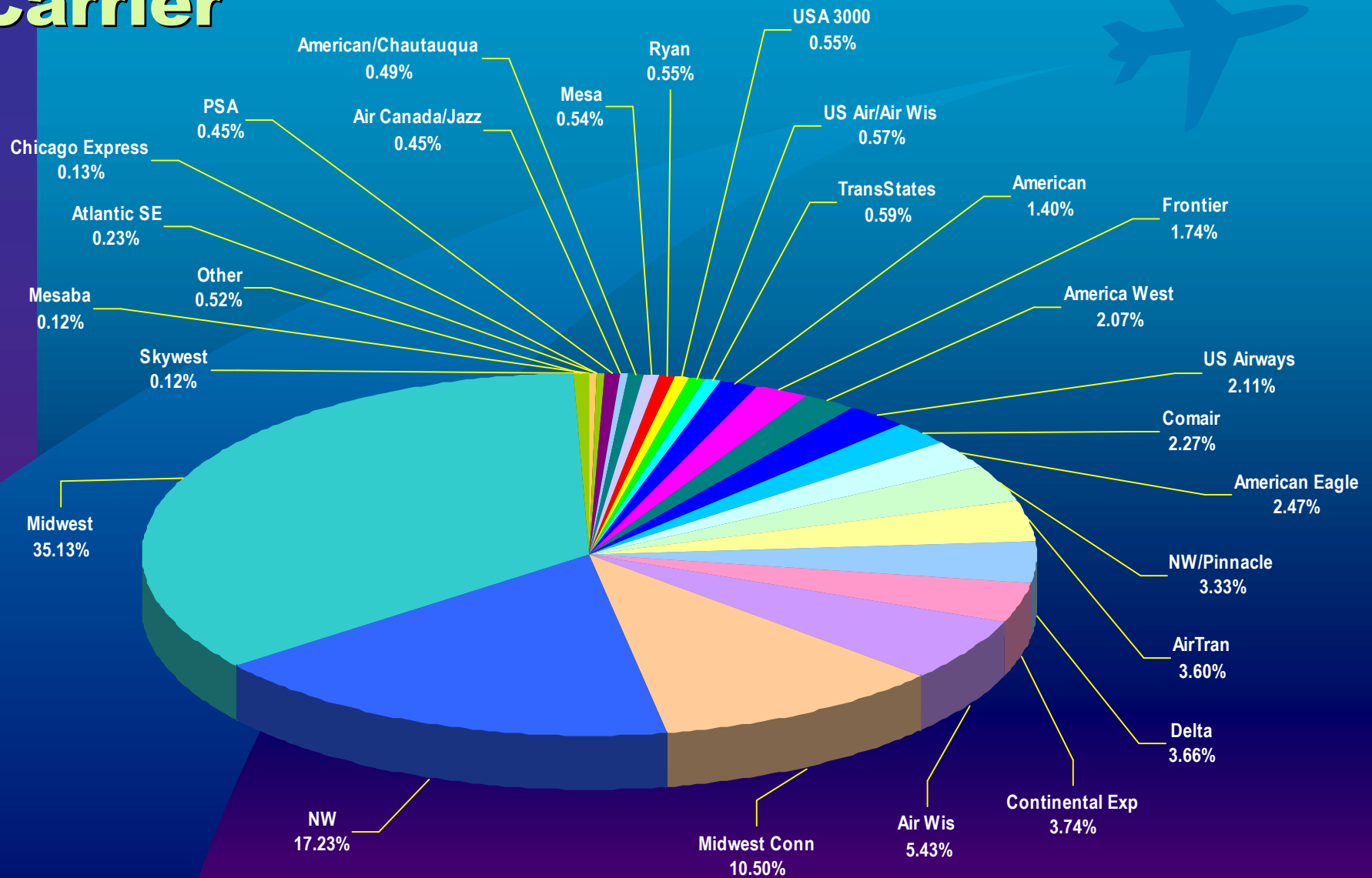
Airline Expenditure



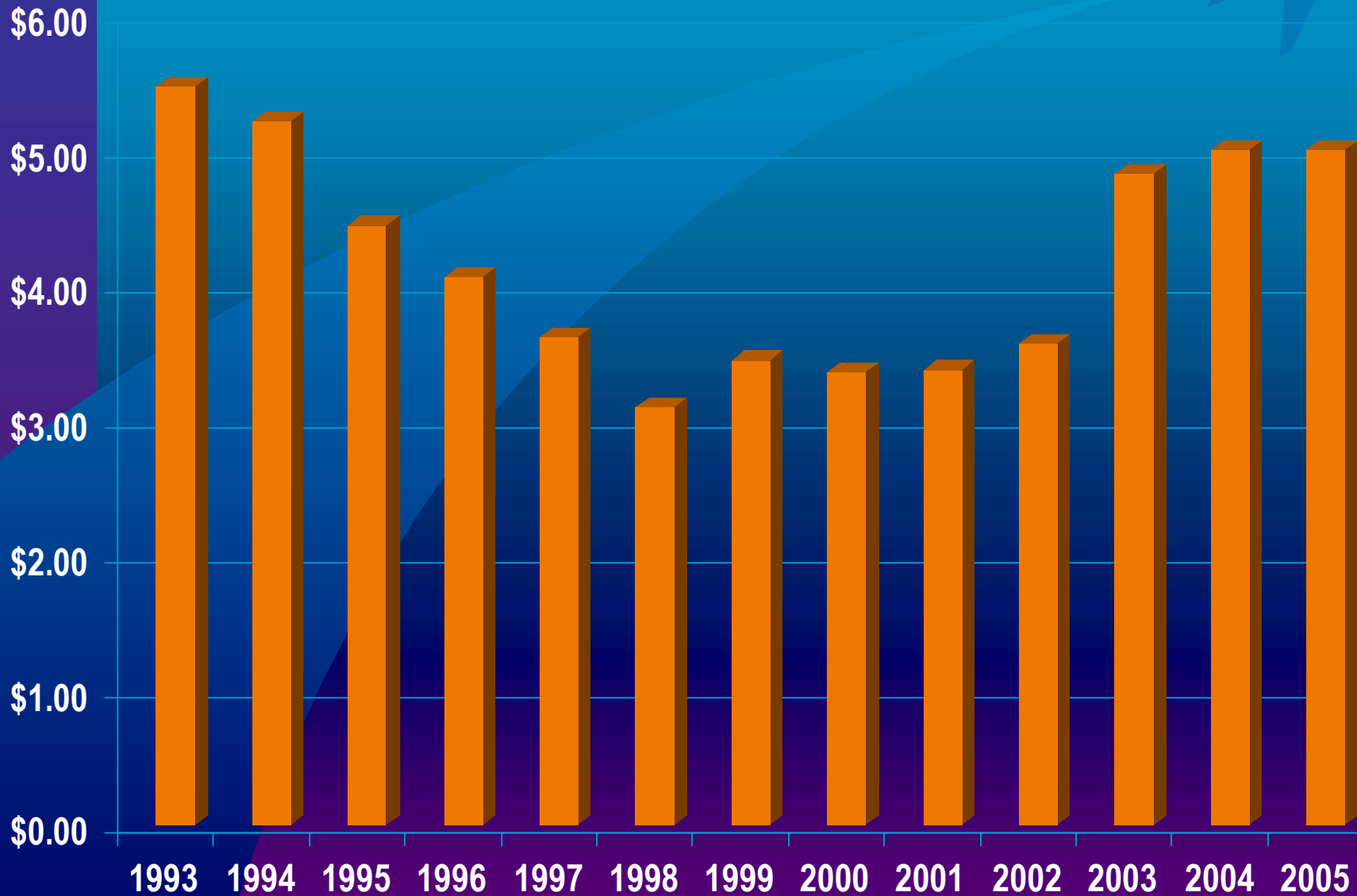
# Airline Percentage of Total Airport Expenditures



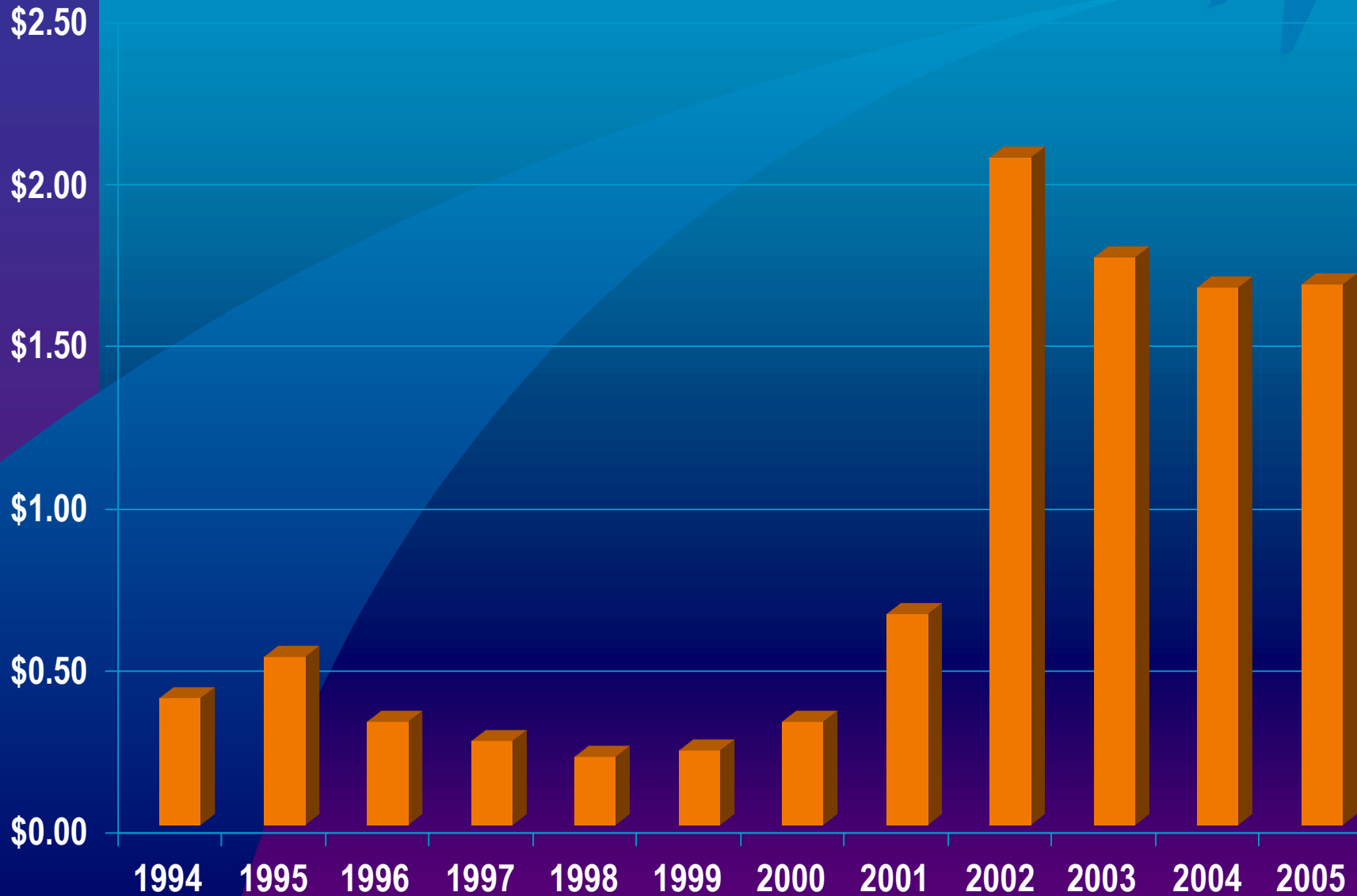
# 2005 Percentage of Airport Fees per Carrier



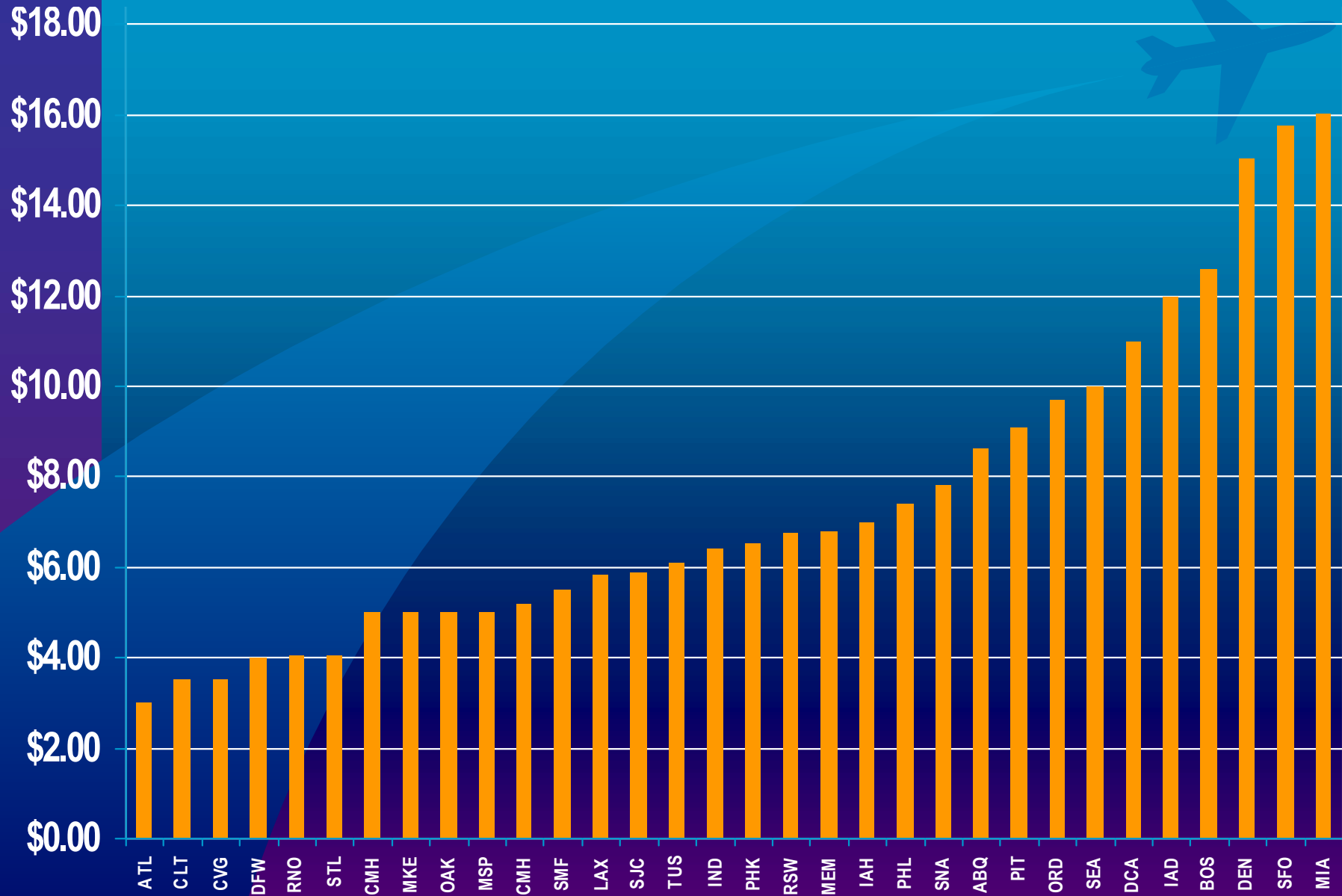
# MKE Total Airline Cost per Enplaned Passenger



# Airline Cost per Enplaned Passenger for Security



# Airline Costs Per Enplanement



Source: Published Airport Reports and Bond Official Statements of Various Years

# **Capital Projects & Planning**



# Noise Programs

# Airport Noise Programs



- Homeowners Protection Program
- Ground Runup Enclosure (GRE)
  - October 2002
- Northwest Hangar Study
  - September 2002
- Part 150 Study Update
  - January 2003
- Airport Noise Advisory Committee

# MKE 13<sup>th</sup> Ranked in Nation on PFC Spent for Noise Mitigation

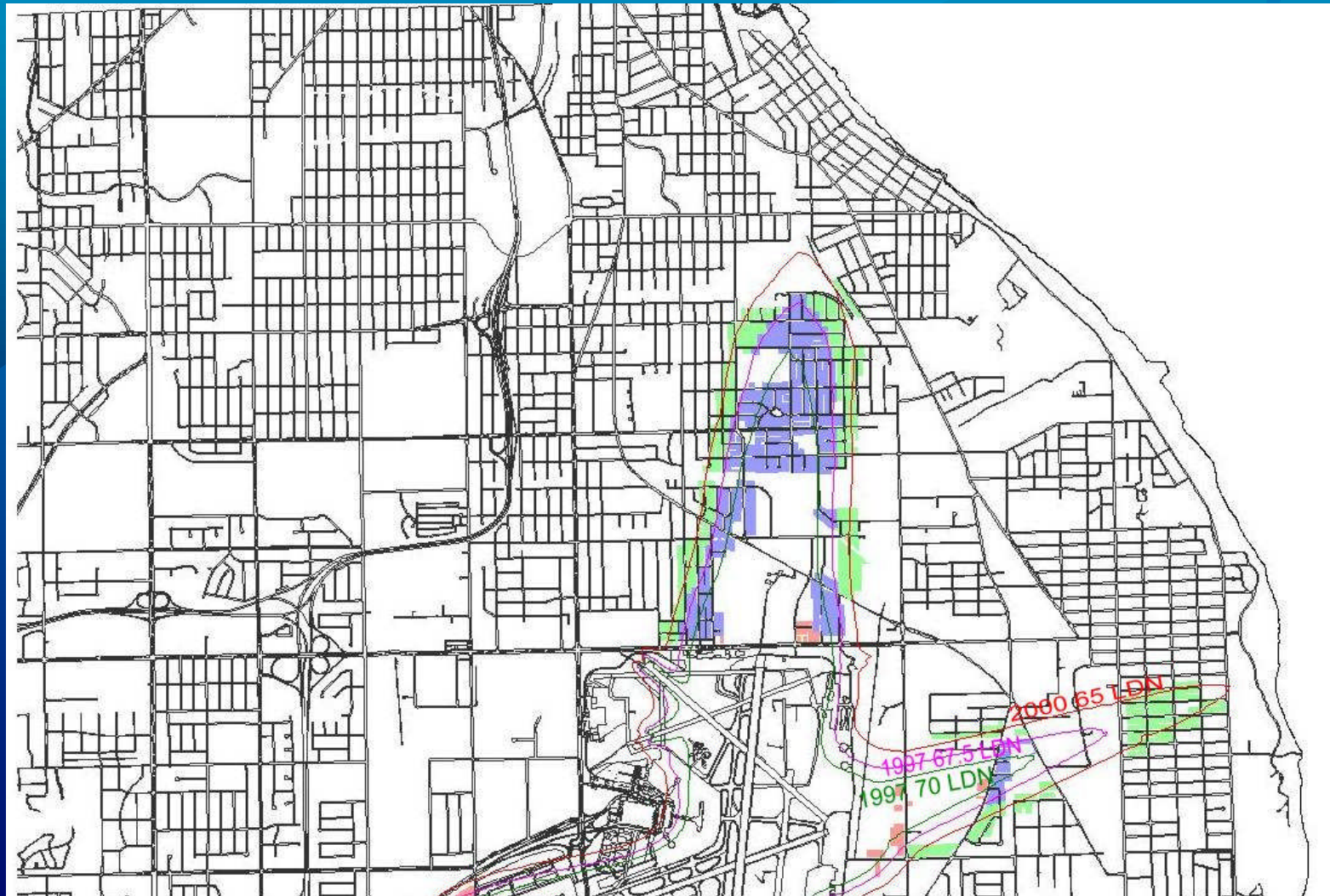
AIRPORT	RANK PFC SPENDING	PFC DOLLARS ON NOISE (millions)	RANK ENPLANEMENTS	2002 ENPLANEMENTS
Los Angeles Intl.	1	\$440	3	28,855,052
Chicago O'Hare Intl.	2	\$361.9	2	30,858,920
San Jose Intl.	3	\$202.3	34	5,945,075
Minneapolis-St. Paul Intl.	4	\$155	10	15,521,386
Chicago Midway	5	\$128.9	31	7,125,849
Seattle-Tacoma Intl.	6	\$115.6	15	13,182,494
Las Vegas McCarran Intl.	7	\$91.1	9	15,571,911
Lambert-St. Louis Intl.	8	\$79.7	17	13,164,086
Cleveland Hopkins Intl.	9	\$78.4	38	5,504,862
Burbank	10	\$66.8	61	2,237,138
Cincinnati-N. KY Intl	11	\$65.1	26	8,525,970
Louisville Intl.	12	\$59.3	64	1,857,439
Milwaukee, GMIA	13	\$45.8	55	2,815,984
Indianapolis Intl.	14	\$43.1	46	3,547,026
Boston-Logan Intl.	15	\$26.9	20	11,422,379



# Ground Run-Up Enclosure (GRE)

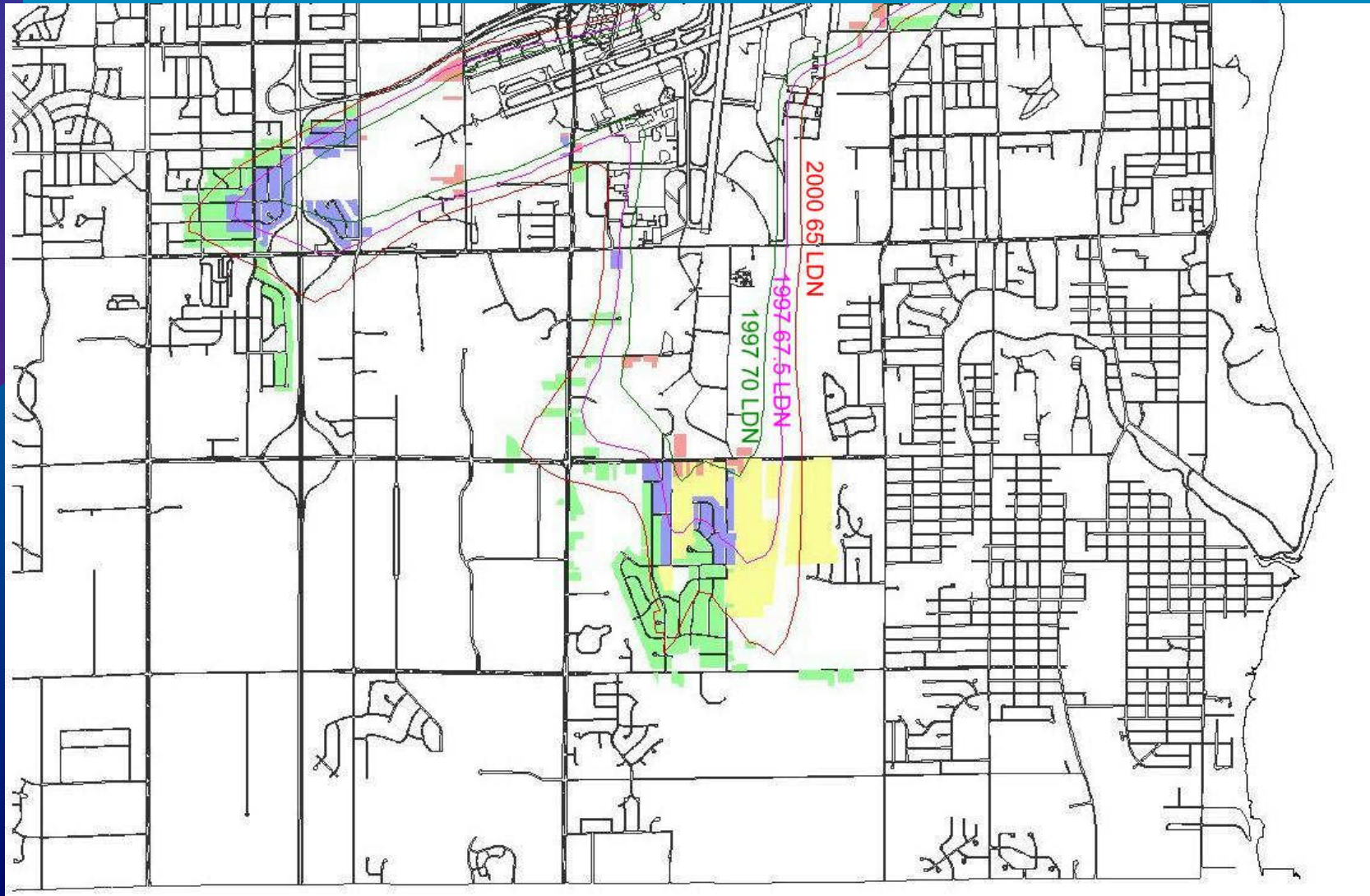


# Homeowner's Protection Program





# Homeowner's Protection Program



# Homeowner's Protection Program

Mitigation Spending 1994 through September 2006

## Category

Acquire Undeveloped Land (WA324)	\$1,632,223
Acquire Homes (WA302)	\$11,741,832
Church/School Sound Insulation (WA332)	\$8,941,329
Noise Mitigation Phase 1 (WA308)	\$80,828,341
TOTAL	\$103,143,725

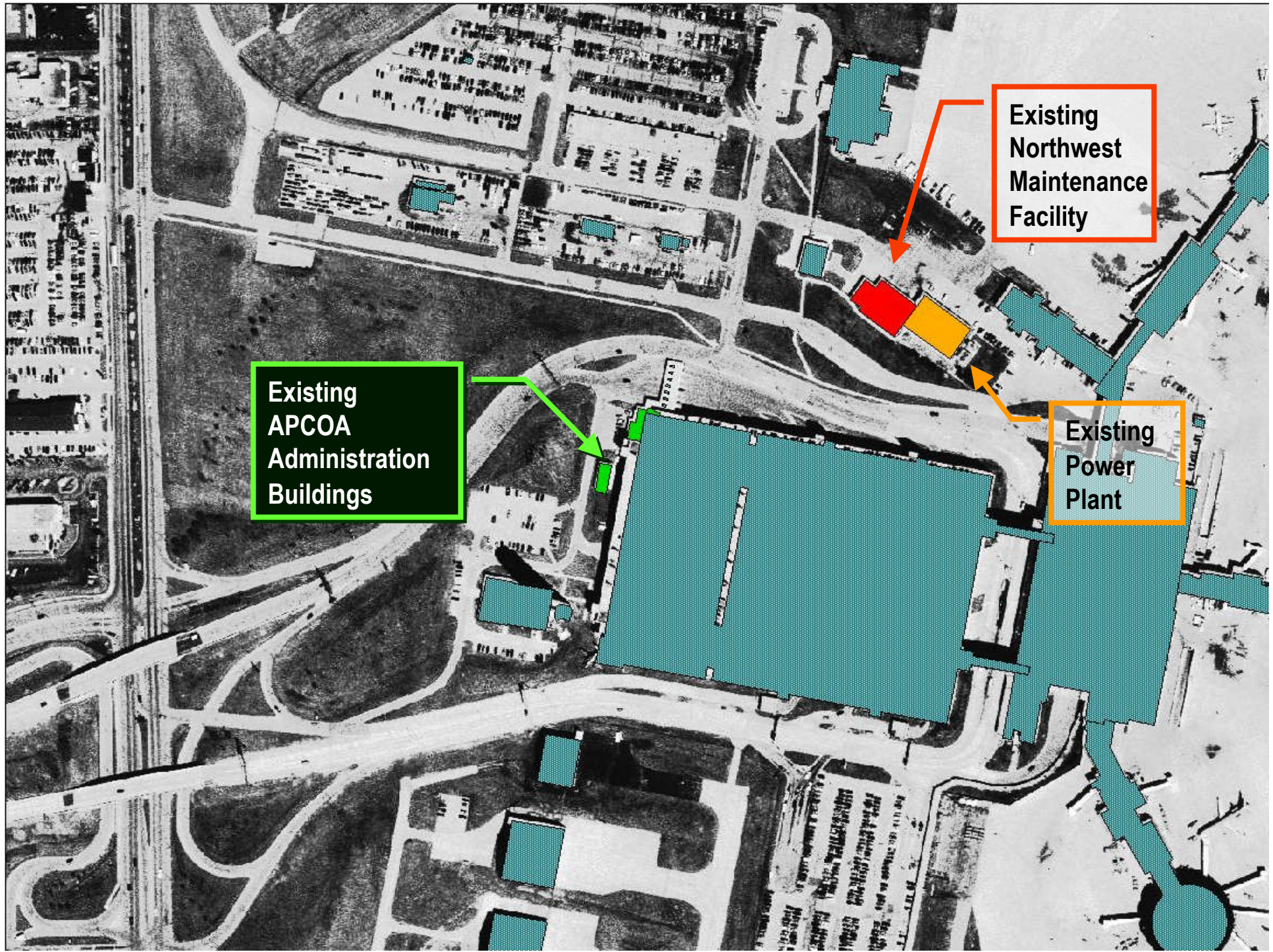


# New Heating and Cooling Plant



*Capital Projects & Planning*



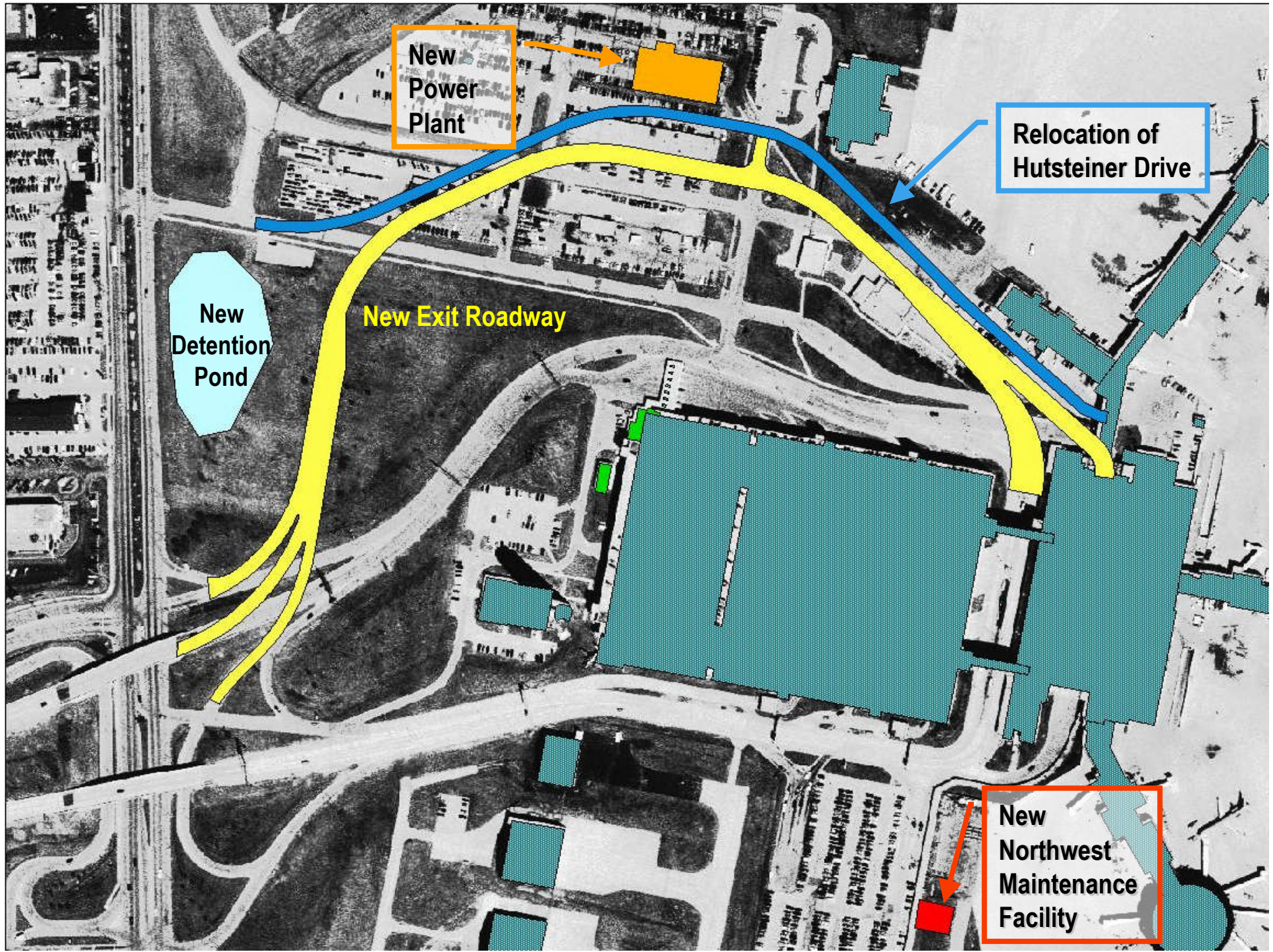


Existing  
APCOA  
Administration  
Buildings

Existing  
Northwest  
Maintenance  
Facility

Existing  
Power  
Plant





New Power Plant

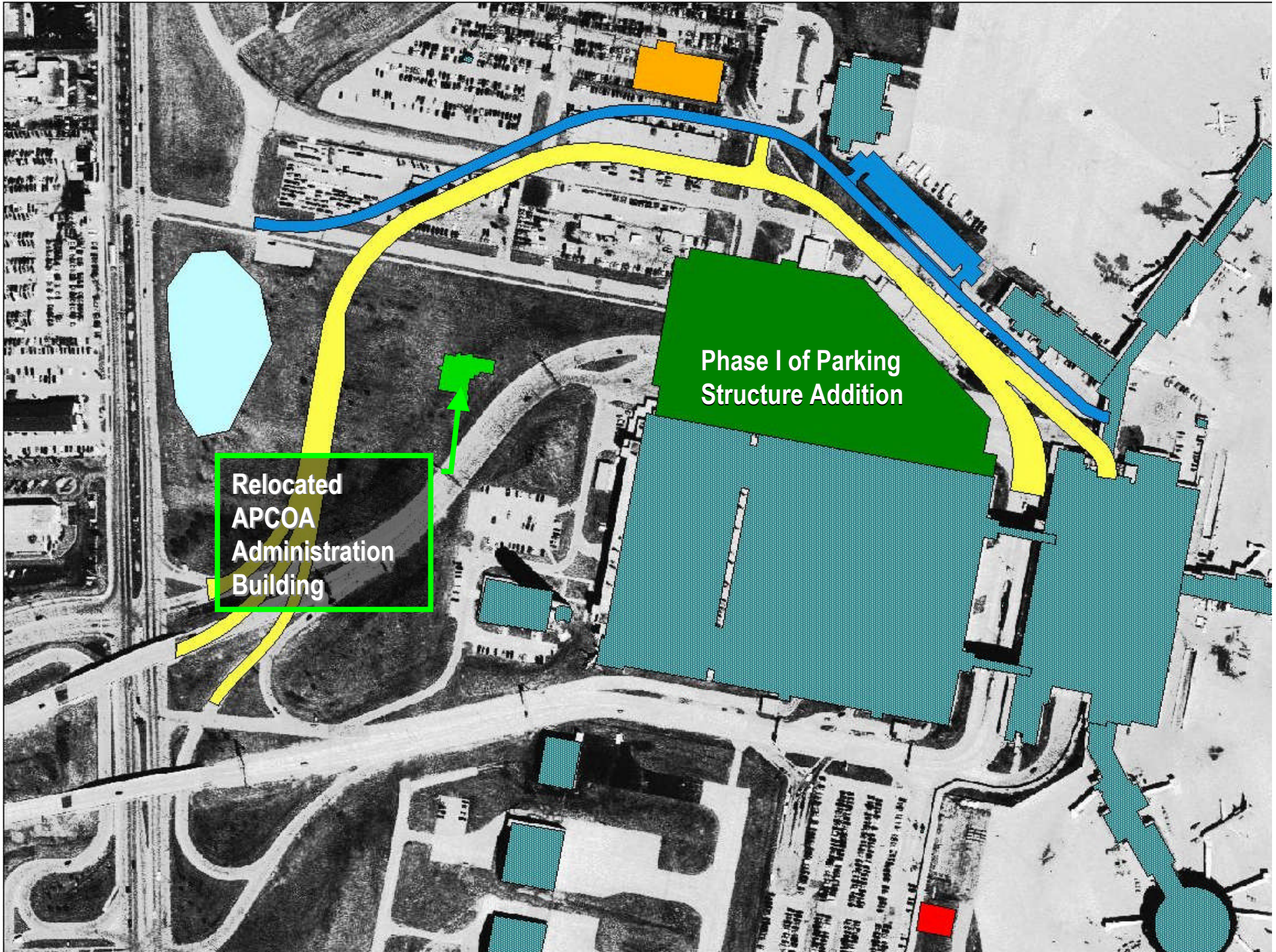
Relocation of Hutsteiner Drive

New Detention Pond

New Exit Roadway

New Northwest Maintenance Facility

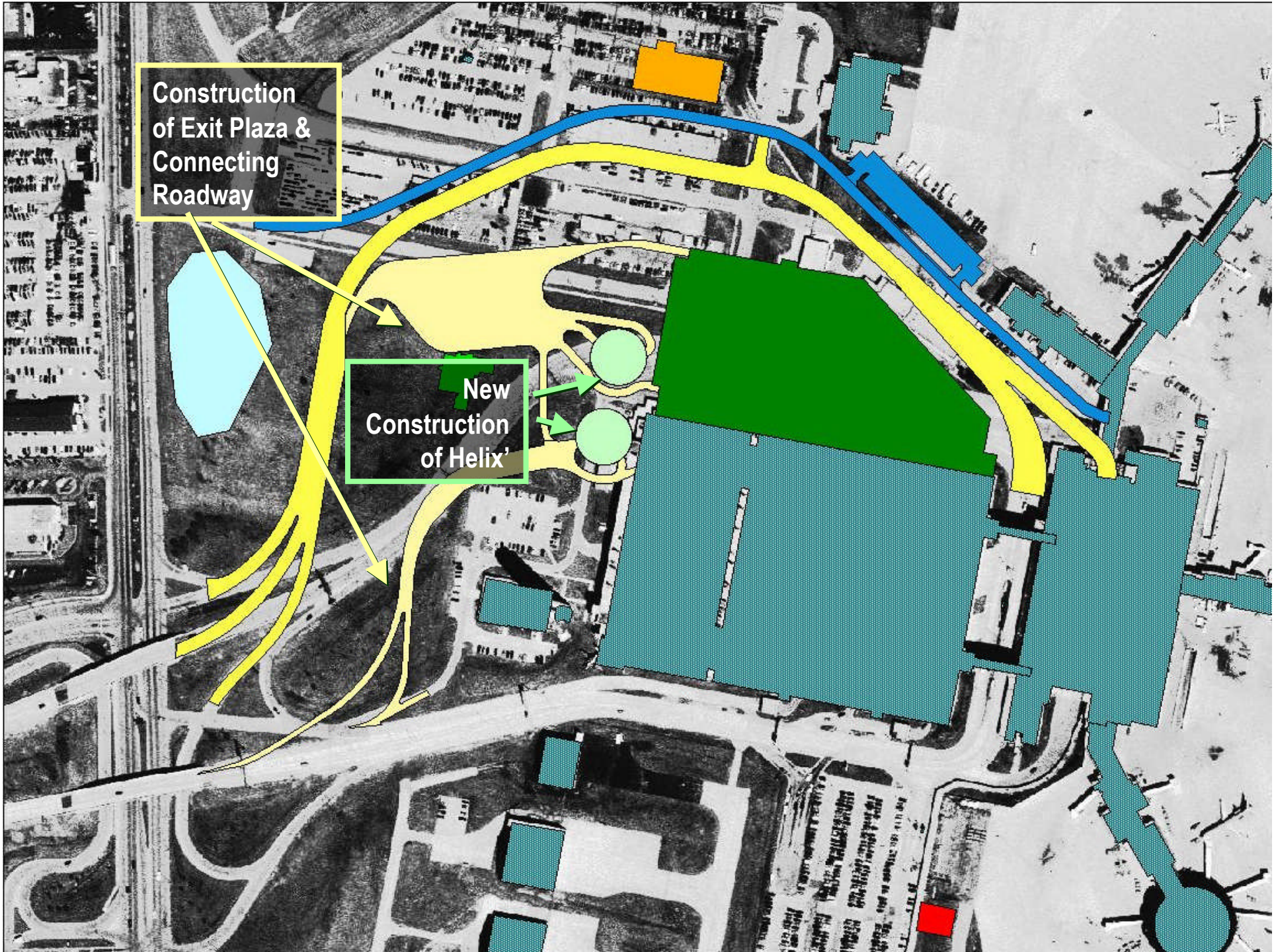




Phase I of Parking  
Structure Addition

Relocated  
APCOA  
Administration  
Building

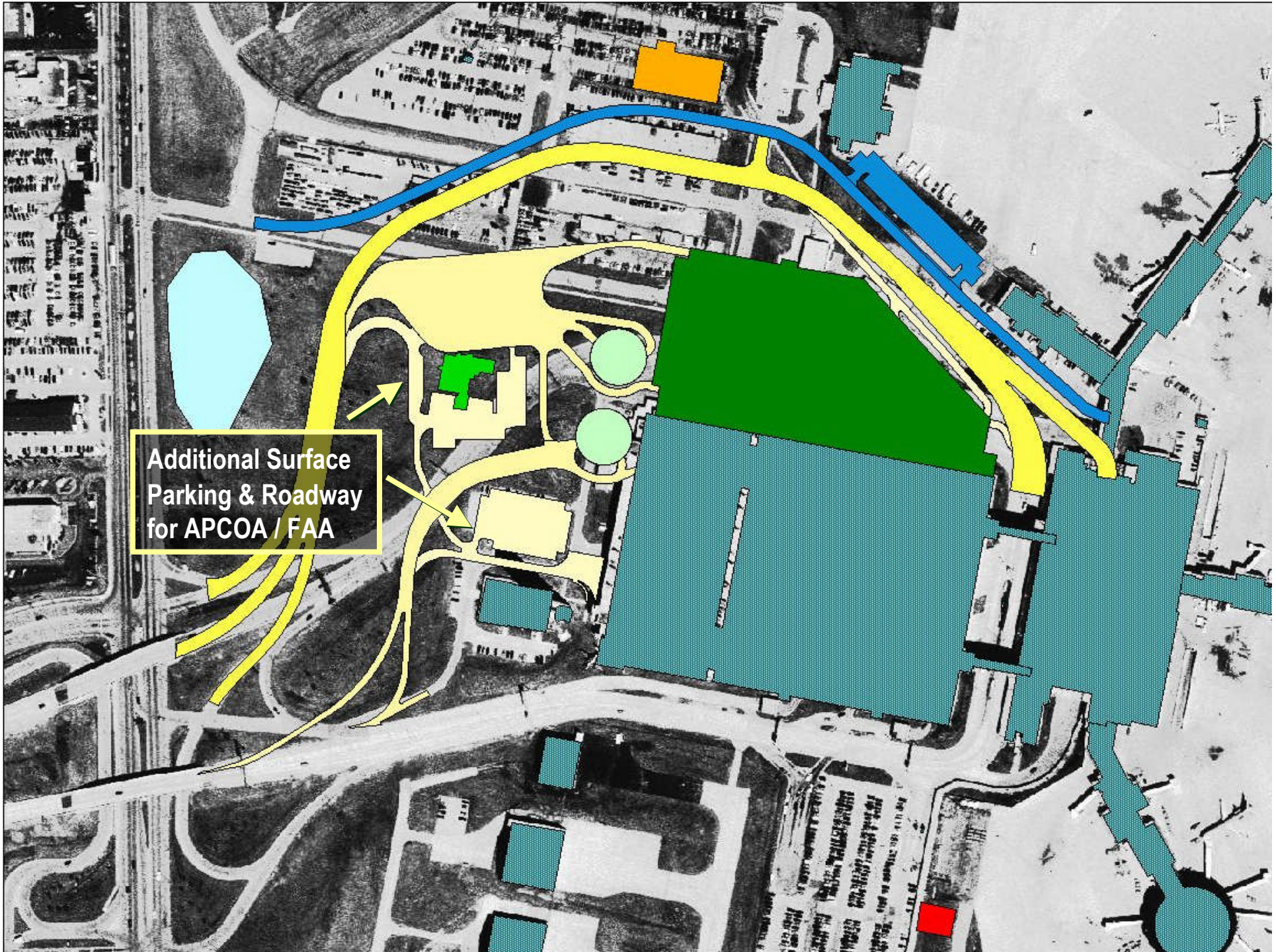




Construction of Exit Plaza & Connecting Roadway

New Construction of Helix

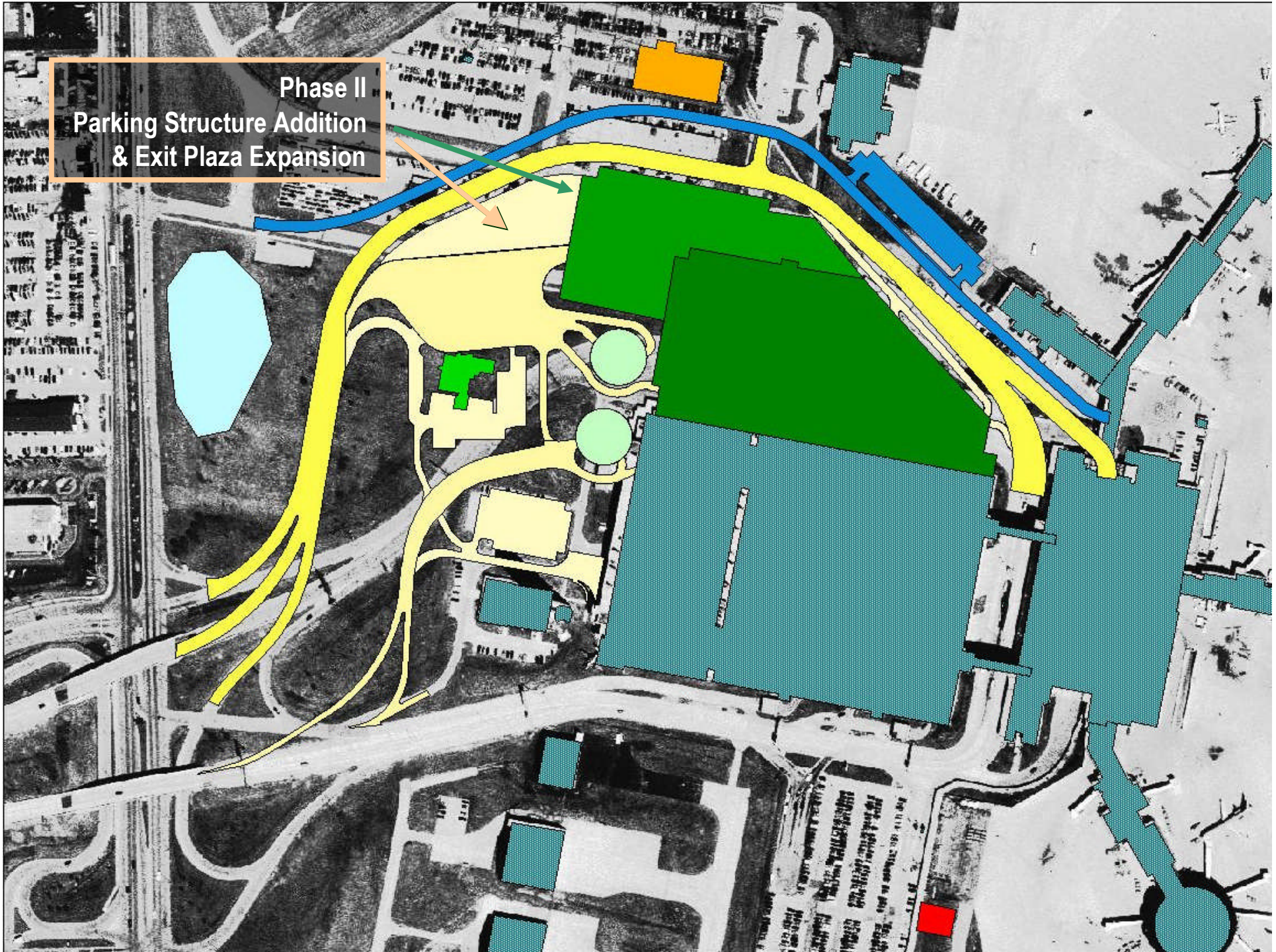




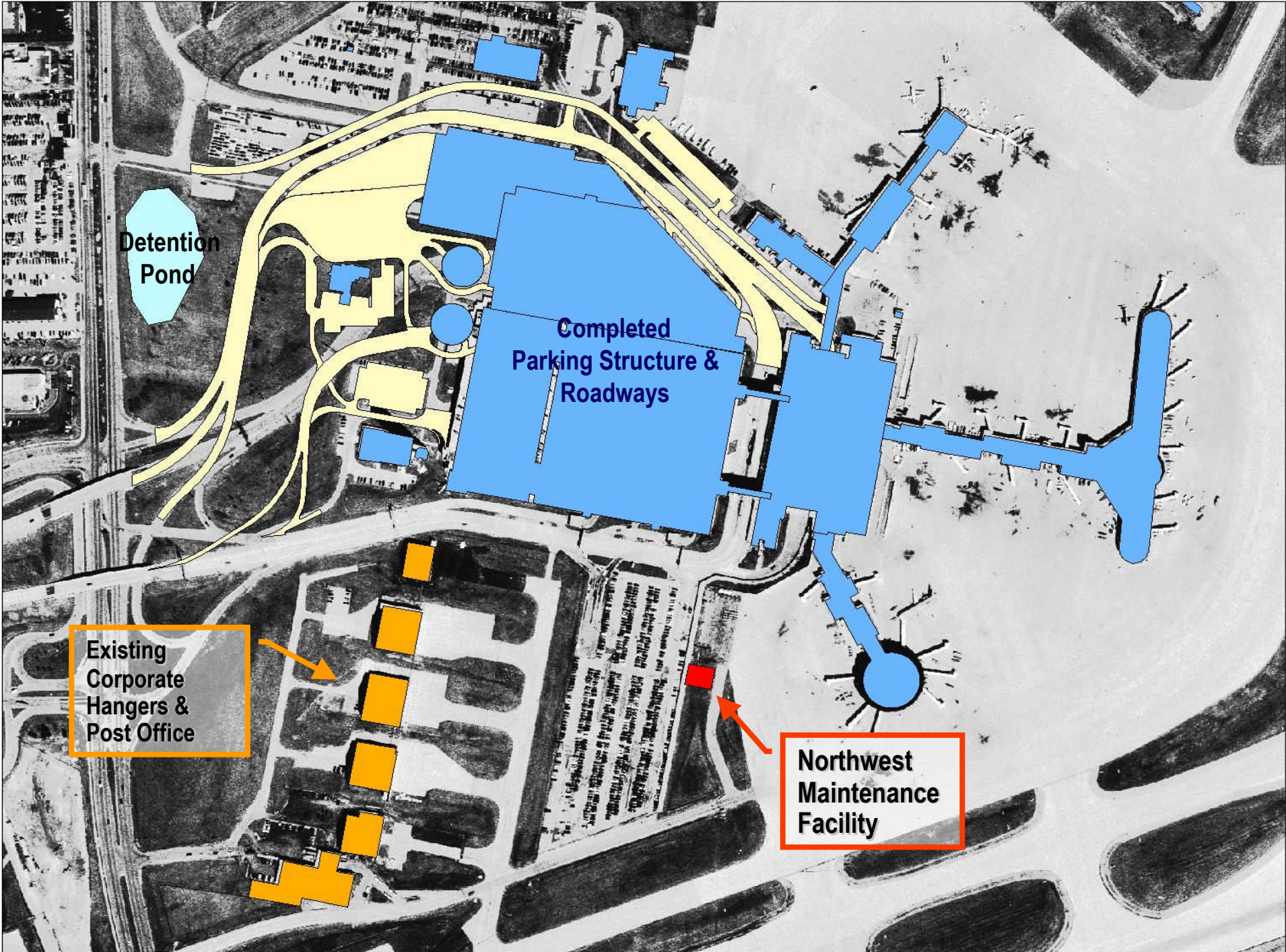
Additional Surface  
Parking & Roadway  
for APCOA / FAA



Phase II  
Parking Structure Addition  
& Exit Plaza Expansion







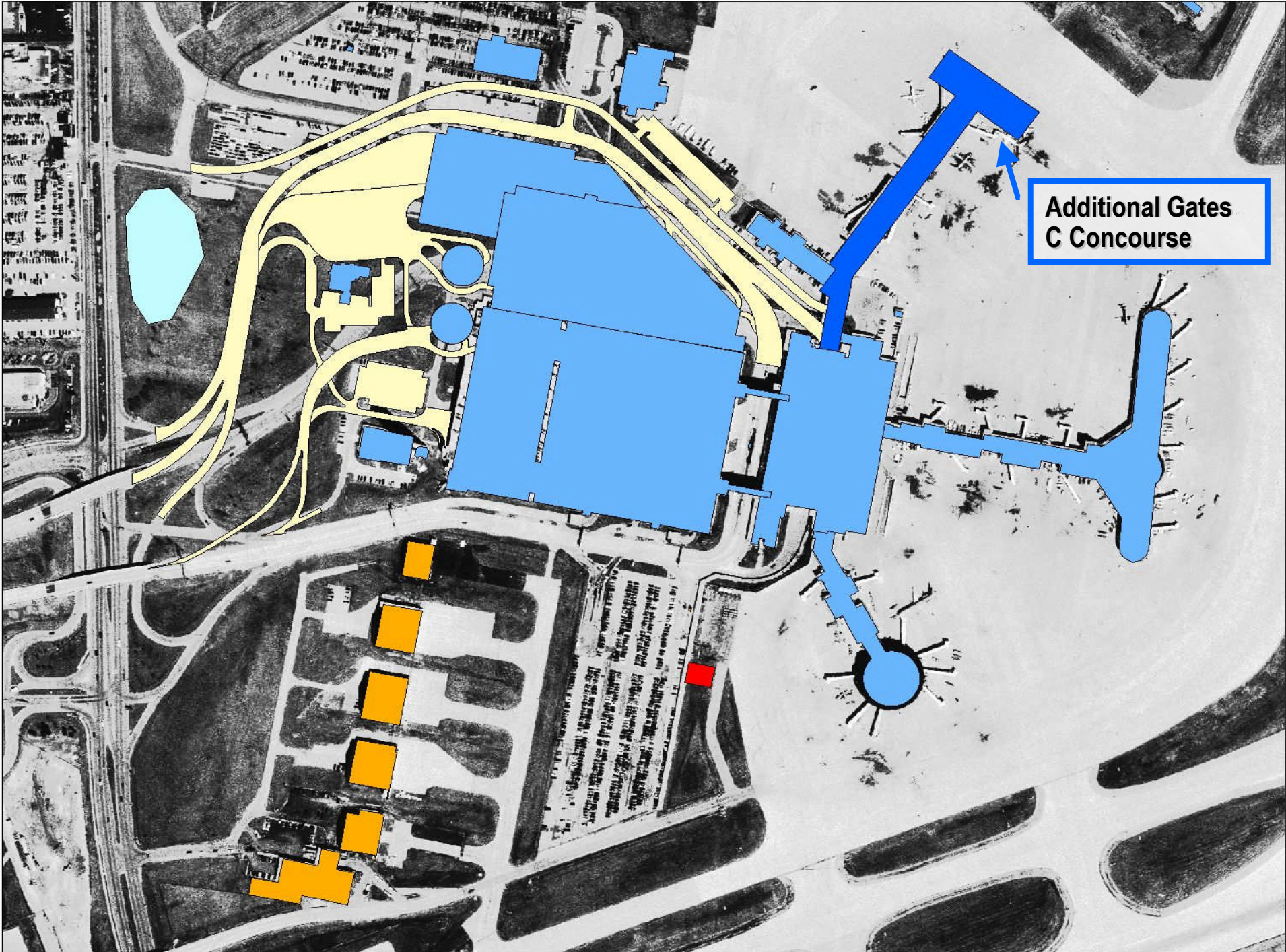
Detention Pond

Completed Parking Structure & Roadways

Existing Corporate Hangers & Post Office

Northwest Maintenance Facility

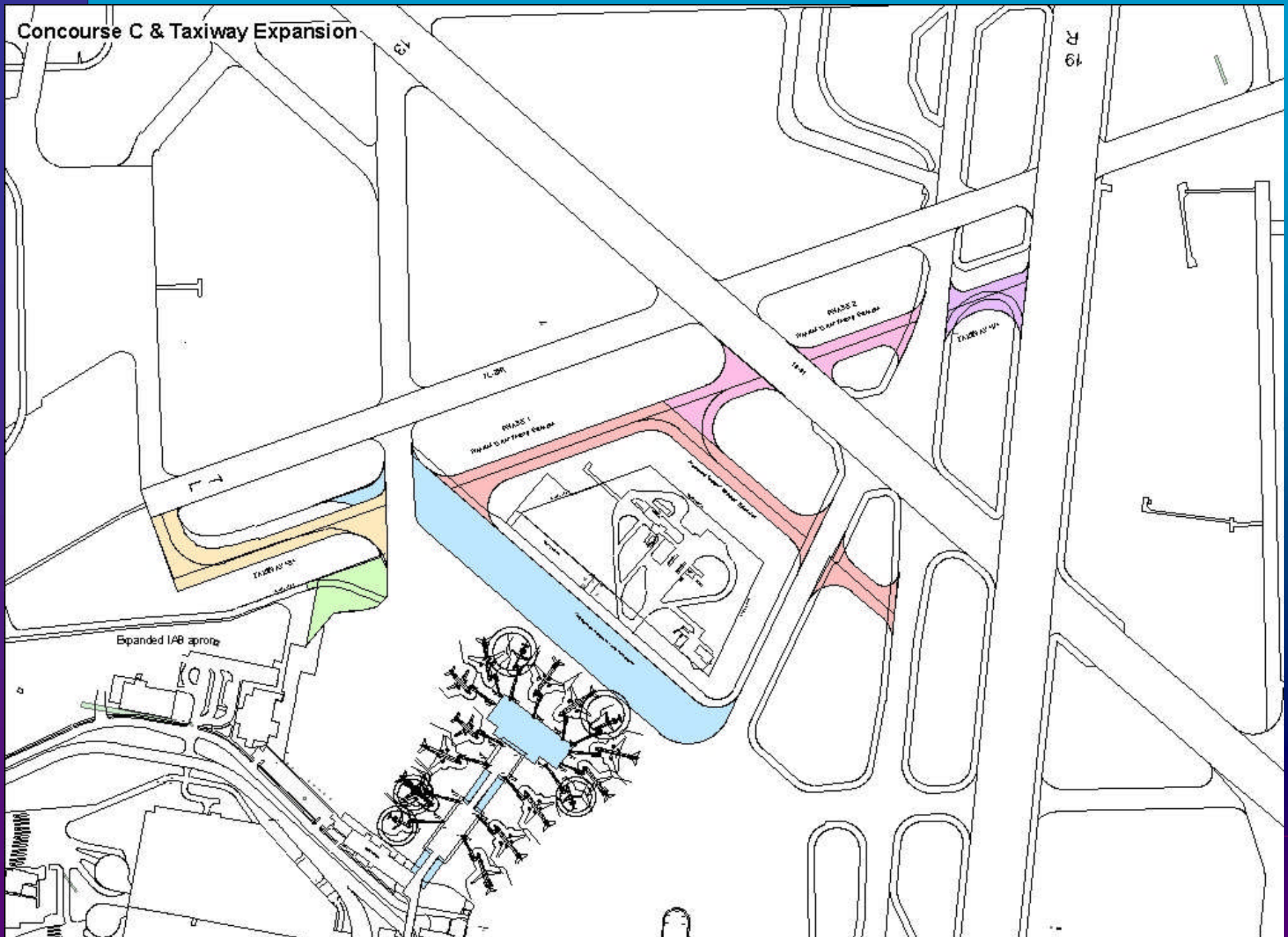




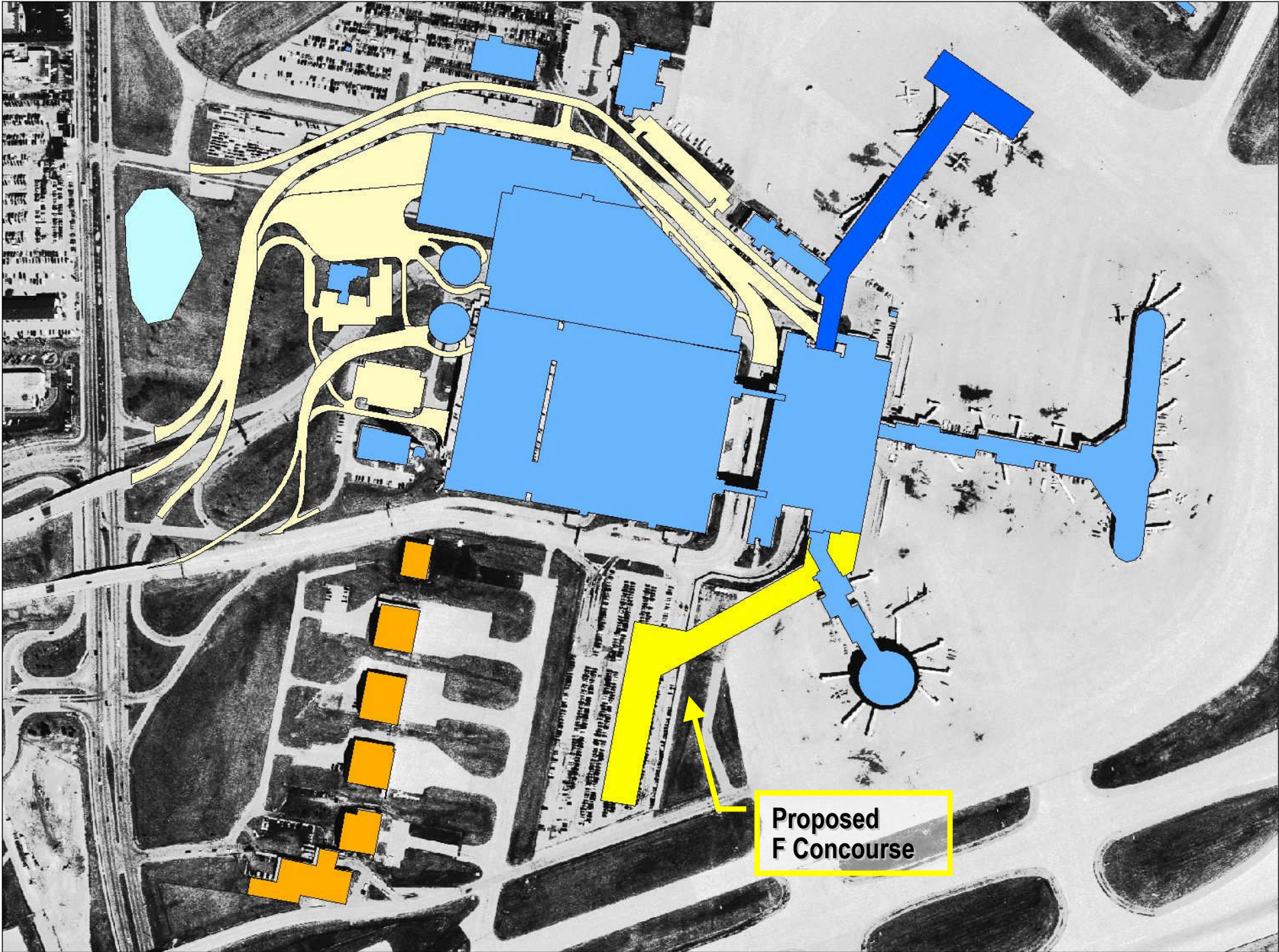
**Additional Gates  
C Concourse**



Concourse C & Taxiway Expansion

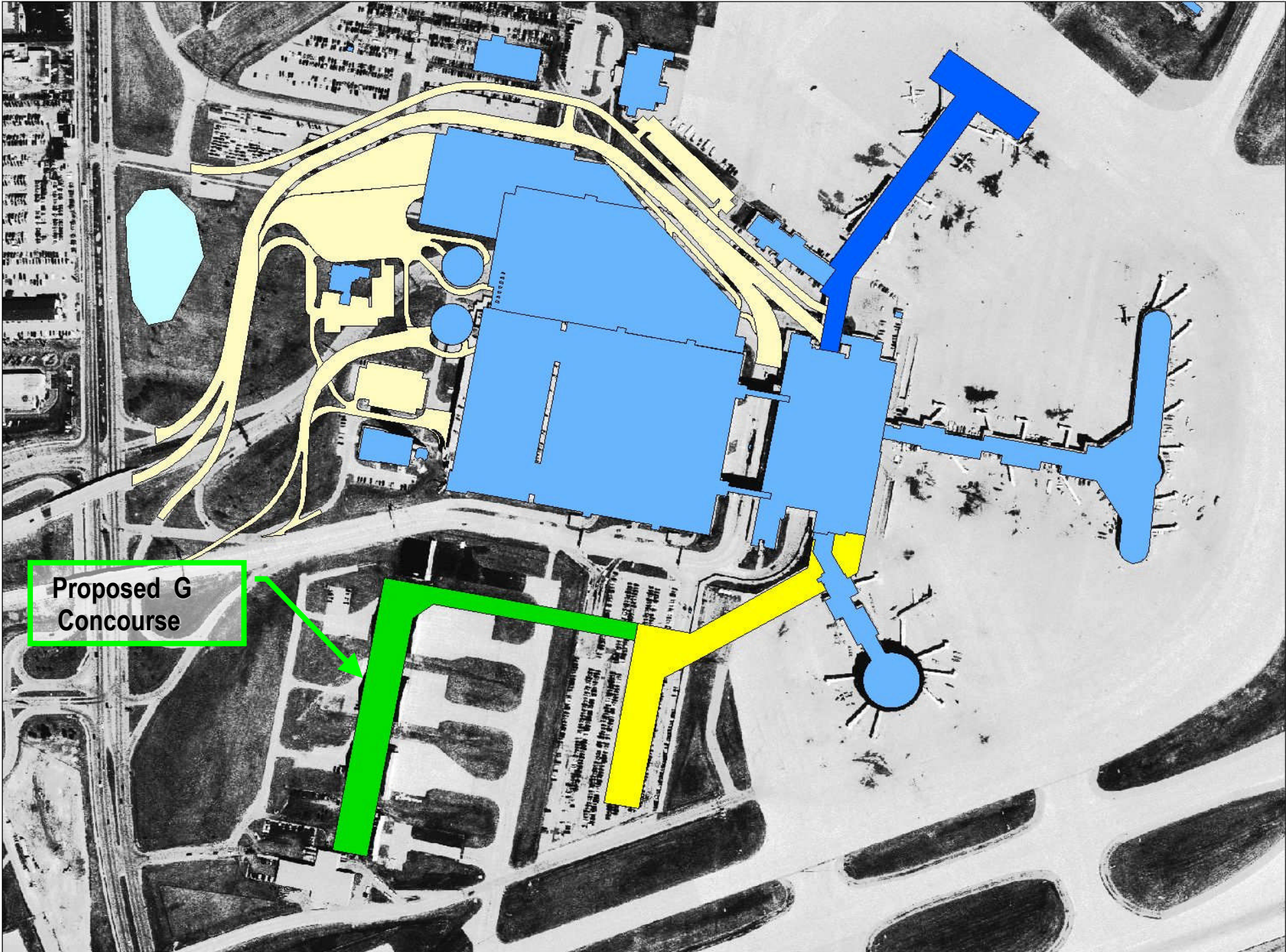






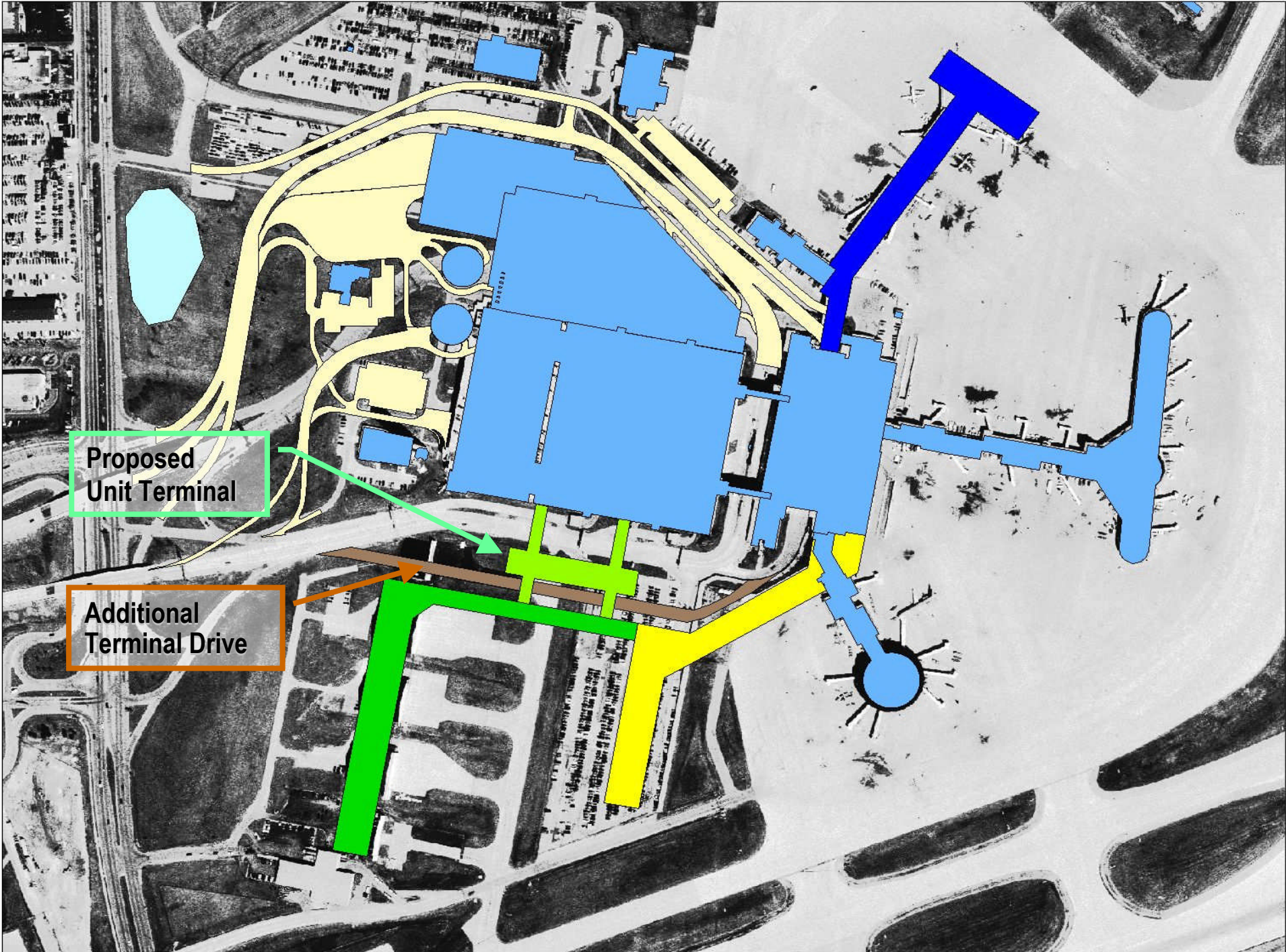
Proposed  
F Concourse





Proposed G  
Concourse





Proposed  
Unit Terminal

Additional  
Terminal Drive

# GMIA

## 2005 CAPITAL PROJECTS

C Concourse Hammerhead	\$5,791,612
Terminal Apron Joint Repair	650,000
Separate Field Lighting Circuits and New Regulator Room 	2,058,800
D Concourse Widening	11,735,164
E Concourse Remodeling and Electrical Upgrade	1,299,000
Fleet Maintenance Floor Replacement	240,000
Cessna Apron Expansion/Design	84,000
Runway Safety Area Improvement	<u>500,000</u>
TOTAL	22,358,576



# GMIA

## 2006 CAPITAL PROJECTS

C Concourse Hammerhead	\$23,980,000
Terminal Apron Joint Repair	588,775
Bag Claim Remodeling/Design	1,695,750
LJT Security Improvements	119,505
Outer Taxiway Extension	1,987,832
E Concourse Remodeling and Electrical Upgrade	9,320,299

(Continued)

# GMIA

## 2006 CAPITAL PROJECTS (Con't)

LJT Runway & Taxiway Crack

Repair 399,168

North FBO Apron 1,861,115

Cessna Apron Expansion/Design 417,965

West Perimeter Road Reconstruction 460,041

TOTAL 40,830,450

# Terminal





# Terminal

Museum  
Concourse C  
Shops





# Parking Structure Addition





# Parking Structure





## Moving Skywalk – Parking Structure





# Rental Car Area





# Rental Car Area





# C Concourse





# C Concourse Hammerhead





## D Concourse





# D Concourse





# E Concourse Remodeling





# E Concourse Remodeling



# Airport Capital Budgets

## Ten Year History



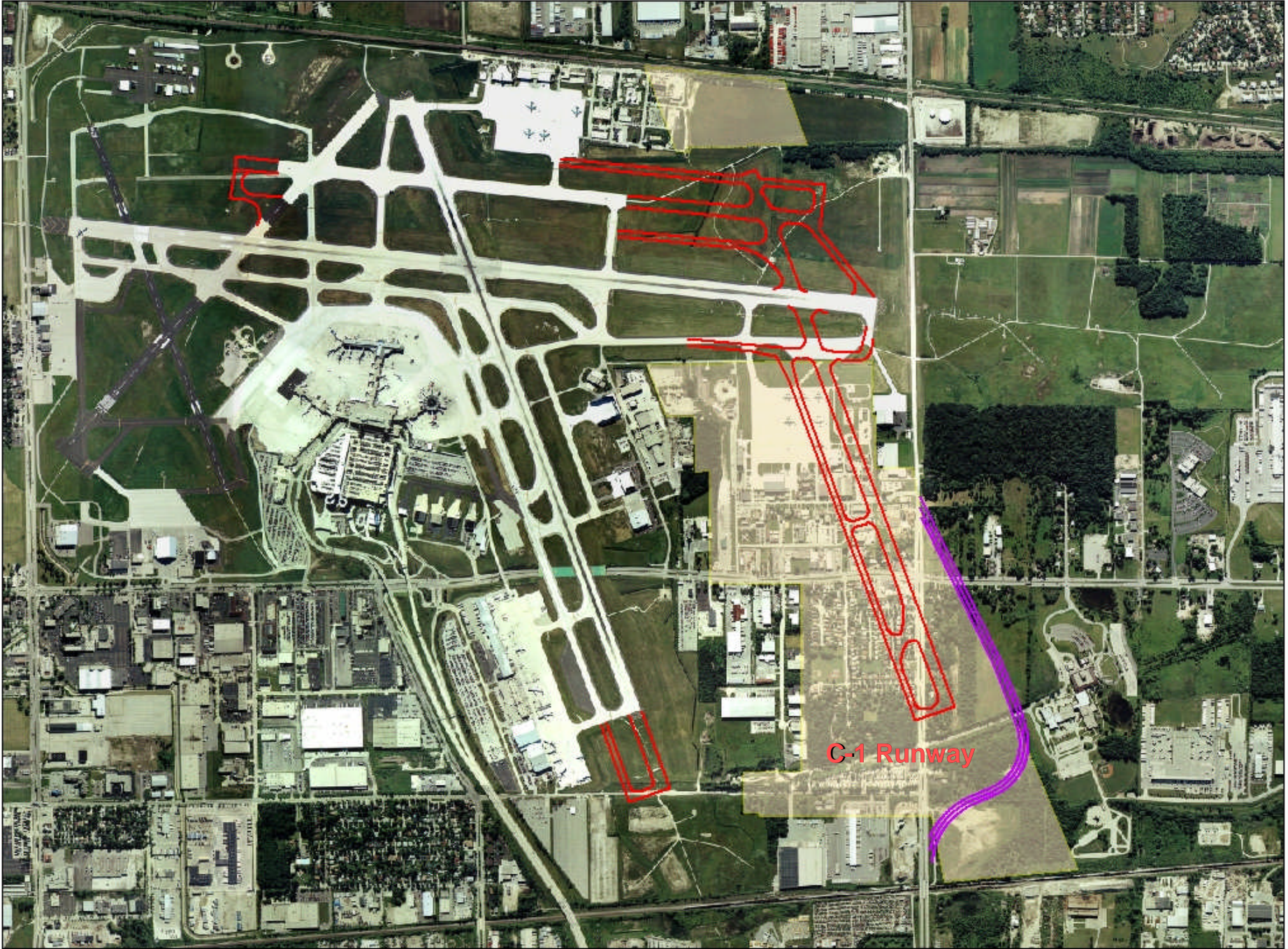
### Project

Noise	\$82,316,950
Terminal	79,939,041
Airfield	34,142,895
Parking	90,195,650
Infrastructure	23,511,206
<b>TOTAL</b>	<b>\$ 310,105,742</b>











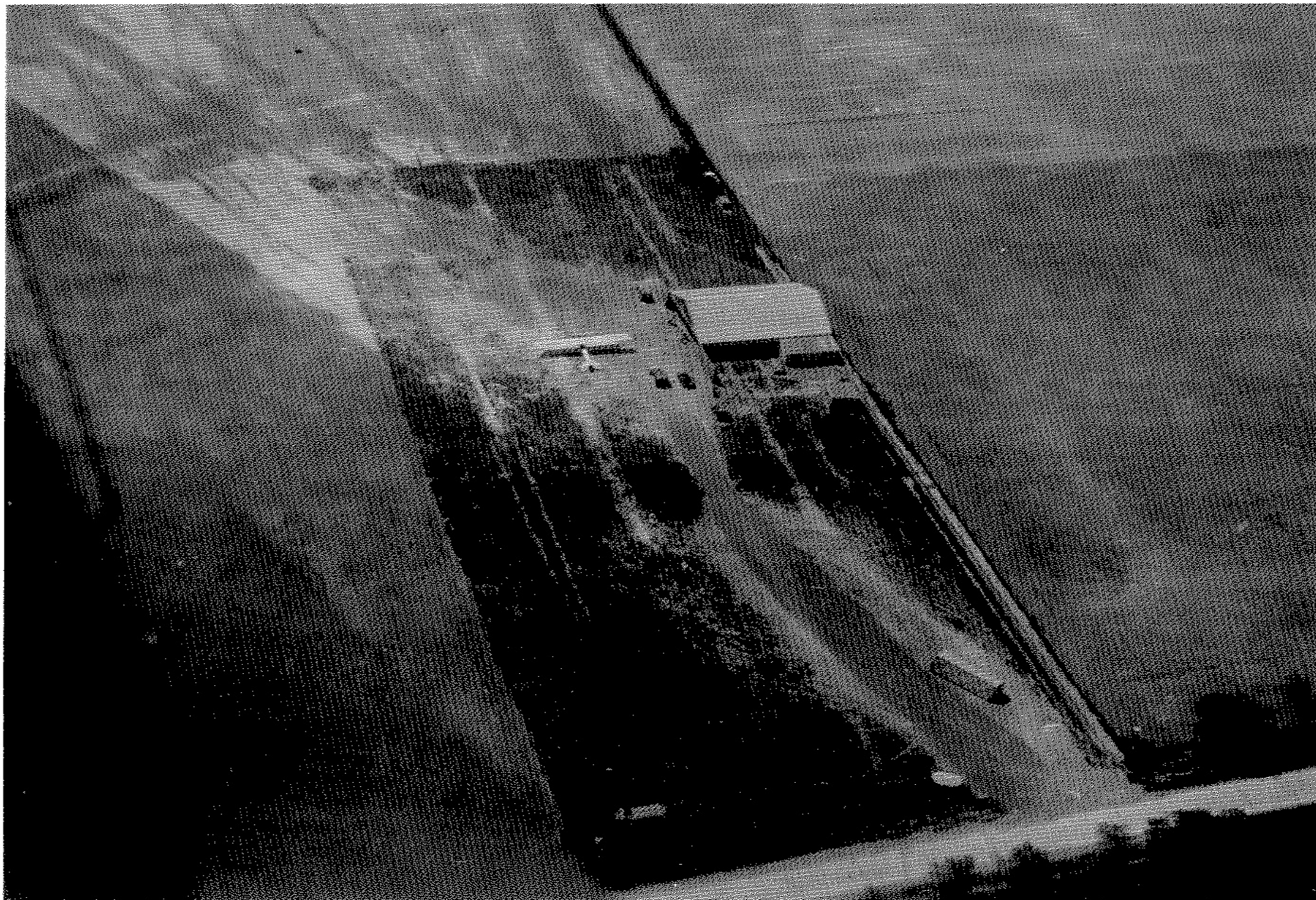
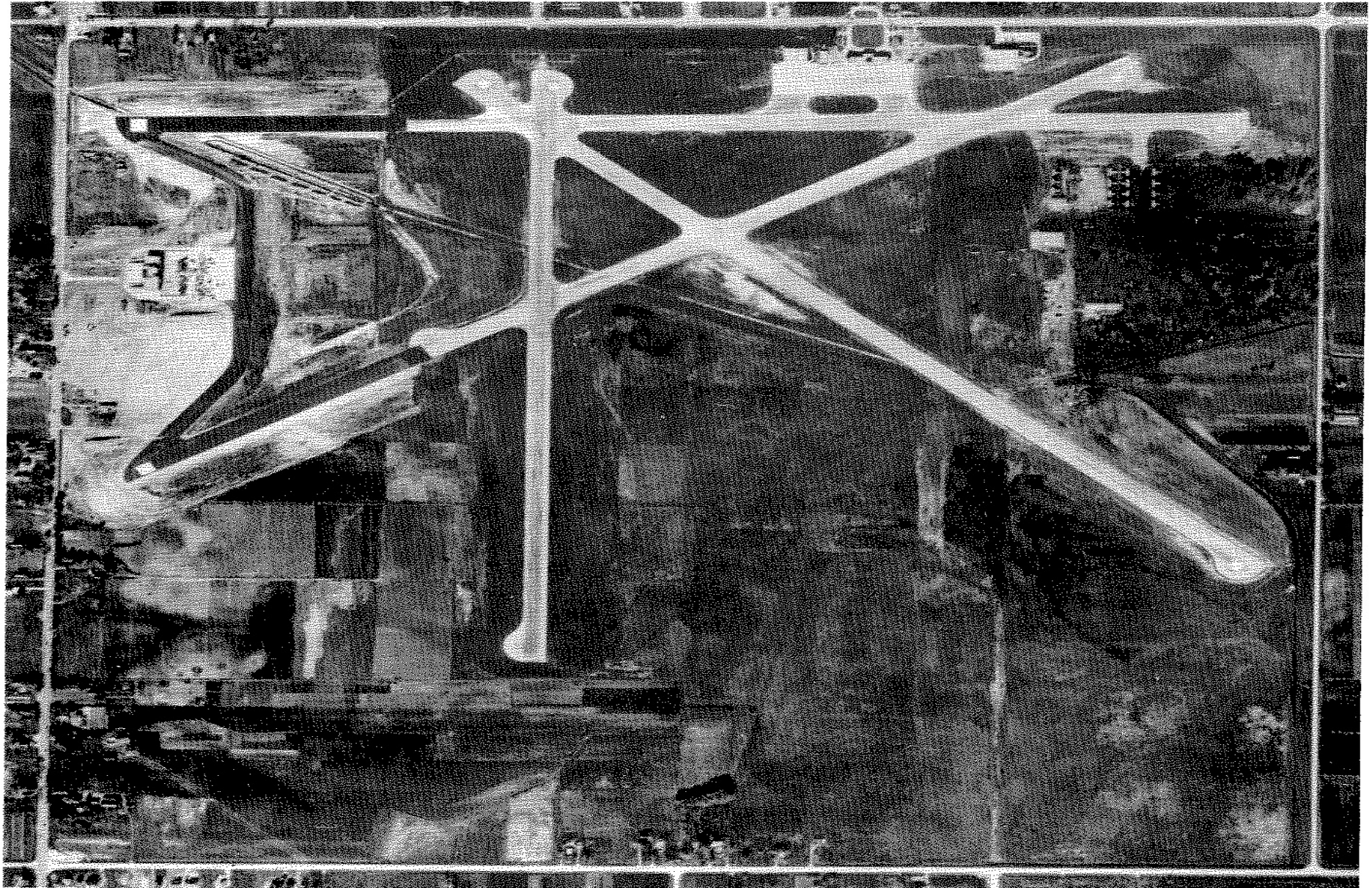


Photo by Albert F. Toepfer

**Milwaukee airport and hangar (looking south) May 1920.  
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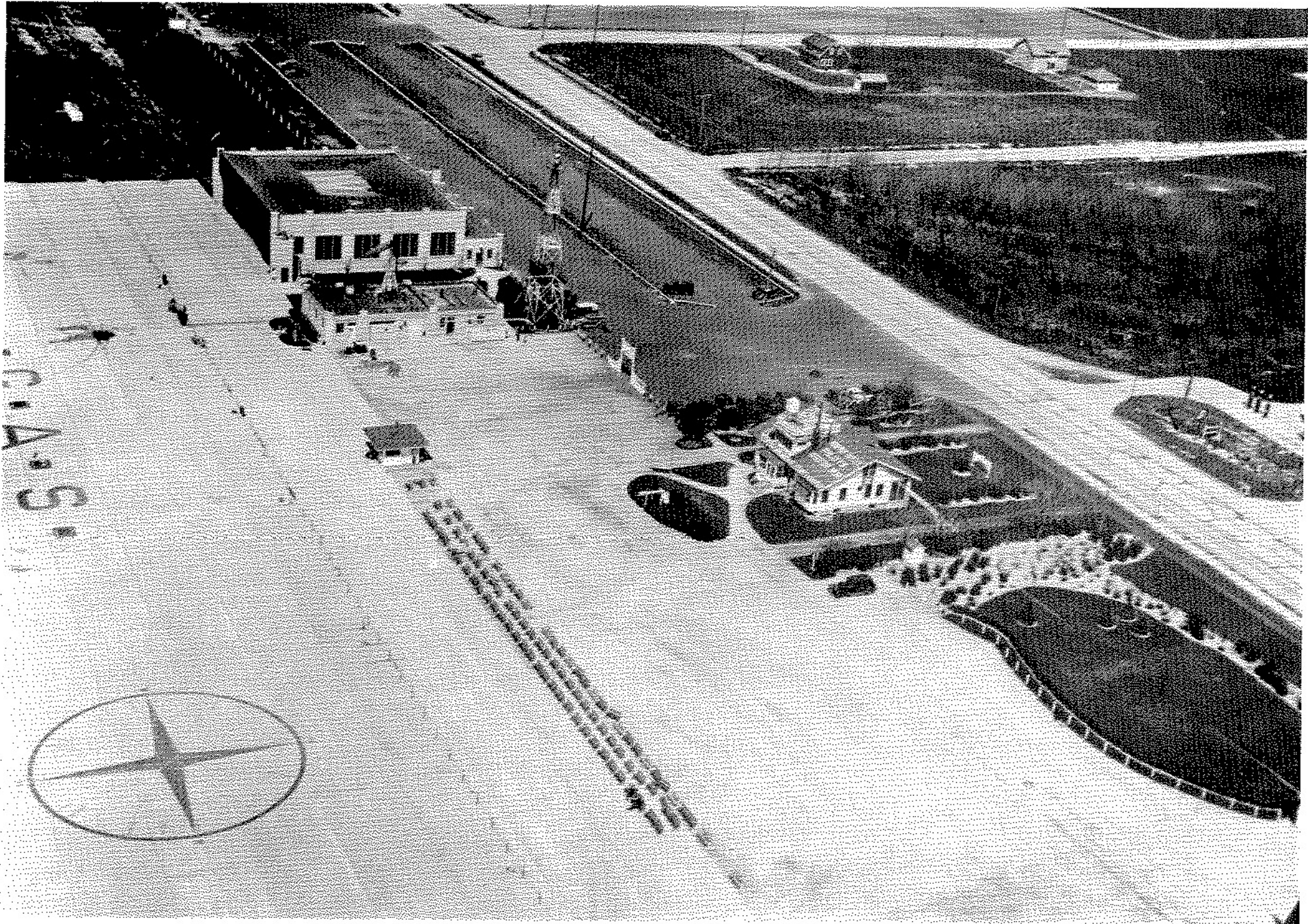
# GENERAL MITCHELL FIELD 1941 - 1955











Terminal area Milwaukee County Airport, 1932. East Layton Avenue at right.





**Field side of the new administration building, 1940.**





**Ready for business.**







MILWAUKEE COUNTY'S



G E N E R A L  
**MITCHELL**  
INTERNATIONAL AIRPORT