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FEDERAL AVIATION ADMINISTRATION LOS ANGELES CA WESTE--ETC F/G 1/5
LOS ANGELES INTERNATIONAL AIRPORT IMPROVEMENT PROGRAM. REVISION--ETC(U)
SEP 78

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DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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WESTERN REGION
P O BOX 92007 WORLDWAY POSTAL CENTER
LOS ANGELES CALIFORNIA 90009



IN REPLY
REFER TO

AWE-4

SUBJECT Los Angeles International Airport Improvement Program.

FROM Regional Planning Officer

TO Mr. John VanderVeer, ANA-220

LEVEL II

Enclosed for your use in the Los Angeles capacity/delay analysis is a recent update of the program for major capital projects anticipated by the Los Angeles Department of Airports. This is the program promised by Jack Graham during our meeting on August 22, 1978.

Our Airway Facilities Division is reviewing the project list which is in the interim report. We will furnish you a revised list as soon as it is available.

W. Bruce Chambers

W. BRUCE CHAMBERS

Enclosure

cc: Mr. Ray Fowler, AEM-100 (w/o encl)
Mr. Jerry Cohen, ATF-4 (w/o encl)

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DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

WESTERN REGION
P O BOX 92007 WORLDWAY POSTAL CENTER
LOS ANGELES CALIFORNIA 90009



DATE October 23, 1978
IN REPLY REFER TO AWE-4
SUBJECT LAX Improvement Program
FROM Regional Planning Officer
TO Mr. John VanderVeer, ANA-220

On September 1, 1978, we sent a copy of the July 1, 1978, program for the major capital projects anticipated by the Los Angeles Department of Airports. We now have updated the list of FAA F&E programs for LAX shown on Pages 26 and 27 of the Interim Report, dated September 1977. The changes to that list are shown below.

1. Page 26 Item B1. Change SSALR to convert to MALSR.
2. Page 26 Item B2. Modification of localizer antenna is complete.
3. Page 26 Item E1. 06L ILS is complete.
4. Page 26 Item E2. 06L MALSR is complete.
5. Page 26 Item F2. 06R localizer antenna modification is complete.
6. Page 27 Item H2. 07R MALSR is complete.
7. Page 27 Item J1. Change to add NU BRITE.
8. Page 27 Item J2. Other modifications are complete.
9. Page 27 Item K1. Additional memory is complete. Add: Upgrade to ARTS IIIA.
10. Page 27 Item L1. Change to various modifications to improve performance.


W. BRUCE CHAMBERS

cc: Ray Fowler, AEM-100
Jerry Cohen, ATF-4

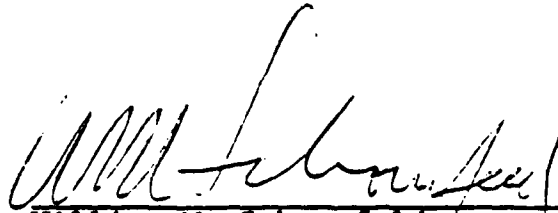
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July 1, 1978

M E M O R A N D U M

To: Airport/Airline Affairs Committee
From: William M. Schoenfeld
Subject: Revisions to Program of Major Capital Projects

→ Included herein is a revised Program of Major Capital Projects dated July 1, 1978 for the Department of Airports. Please remove all project sheets from your existing program book and completely replace with the new sheets for each airport.


William M. Schoenfeld
Deputy General Manager

WMS:JLG:st

DEPARTMENT OF AIRPORTS
PROGRAM OF MAJOR CAPITAL PROJECTS
JULY 1, 1978

LOS ANGELES INTERNATIONAL AIRPORT		1978-79	1979-80	1980-81	1981-82	1982-83	1983-88	Totals
Land Acquisition		\$ 1,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,500,000
Subtotal Land Acquisition		\$ 1,500,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,500,000
Terminal Facilities								
Ticketing Building 2-East Addition		\$ 0	\$ 2,478,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,478,000
New Administration Building		582,000 ^c	9,118,000	0	0	0	0	9,700,000
Terminal 1		3,660,000 ^c	57,340,000	0	0	0	0	61,000,000
Ticketing Building 2-West Addition		0	413,000 ^c	6,469,000	0	0	0	6,882,000
Utility Tunnel and AC Piping		0	451,000 ^c	7,065,000	0	0	0	7,516,000
West Terminal		0	0	5,010,000 ^c	78,490,000	0	0	83,500,000
Satellite 2 Modifications		0	0	453,000 ^c	7,097	0	0	7,550,000
Subtotal Terminal Facilities		\$ 4,242,000	\$ 69,800,000	\$ 18,997,000	\$ 85,587,000	\$ 0	\$ 0	\$ 178,626,000
Airfield Facilities								
Runway 25R Rehabilitation		\$ 2,475,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,475,000
Taxiway 8C		350,000	0	0	0	0	0	350,000
Taxiways J and K Extension		1,320,000	0	0	0	0	0	1,320,000
Taxiway 47 Relocation		0	1,730,000	0	0	0	0	1,730,000
In-Runway Lighting, Runway 25L		0	1,047,000	0	0	0	0	1,047,000
Sepulveda Underpass Reinforcing & Runway Reconstruction		898,000 ^c	14,062,000	0	0	0	0	14,960,000
Imperial Storm Drain		0	1,003,000	0	0	0	0	1,003,000
Remote Aircraft Parking Positions		0	1,376,000	0	0	0	0	1,376,000
Taxiways 8H and 8J		0	0	922,000	0	0	0	922,000
Taxiway 75 & Connecting Taxiways		0	641,000 ^c	10,045,000	0	0	0	10,687,000
Fog Dispersal Facility-Runway 24R		0	0	0	10,000,000	0	0	10,000,000
North Perimeter Storm Drain		0	0	362,000 ^c	5,677,000	0	0	6,039,000
Runway 24R Extension		0	0	0	2,275,000	0	0	2,275,000
Taxiway Centerline Lighting		0	0	0	1,072,000	0	0	1,072,000
Runway 24L-6R Reconstruction		0	0	0	636,000 ^c	9,959,000	0	10,595,000
Subtotal Airfield Facilities		\$ 5,043,000	\$ 19,859,000	\$ 11,330,000	\$ 19,660,000	\$ 9,959,000	\$ 0	\$ 65,851,000

^aEligible for Federal Funds

^bUnder grant

^cEstimated design fee approximately 6%

	1978-79	1979-80	1980-81	1981-82	1982-83	1983-88	Totals
X Access Facilities							
96th Street-Sepulveda To Airport	\$ 694,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 694,000
Widen World Way West	0	2,110,000	0	0	0	0	2,110,000
North Arterial Roadway-Phases I & II	0	3,016,000	0	0	0	0	3,016,000
96th Street Bridge Over Sepulveda	0	1,646,000	0	0	0	0	1,646,000
Second Level Roadway	0	4,500,000 ^c	70,500,000	0	0	0	75,000,000
Airport Boulevard-96th Street to Interceptor	0	0	0	354,000	0	0	354,000
World Way To Imperial Tunnel Connection	0	0	710,000 ^c	11,126,000	0	0	11,836,000
World Way To Manchester Tunnel Connection	0	0	634,000 ^c	9,937,000	0	0	10,571,000
Imperial Tunnel	0	0	0	0	3,300,000 ^c	51,700,000	55,000,000
North Arterial Roadway-Phase III	0	0	0	0	0	26,960,000	26,960,000
Road & Tunnel To Manchester-Phase II	0	0	0	0	0	25,000,000	25,000,000
Subtotal Access Facilities	\$ 694,000	\$ 11,272,000	\$ 71,844,000	\$ 21,417,000	\$ 3,300,000	\$ 103,660,000	\$ 212,187,000

	1978-79	1979-80	1980-81	1981-82	1982-83	1983-88	Totals
P Parking and Internal Roadway Facilities							
West Imperial Terminal Parking Lot Paving	\$ 189,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 189,000
VSP Parking Lot Additions	200,000	0	0	0	0	0	200,000
Parking Structure D	0	5,061,000	0	0	0	0	5,061,000
Parking Structure C	0	0	2,902,000	0	0	0	2,902,000
East Westchester Parking Lot Addition	0	0	0	3,597,000	0	0	3,597,000
Parking Structures-Lot J	0	0	716,000 ^c	11,215,000	0	0	11,931,000
Subtotal Parking & Internal Roadway Fac.	\$ 389,000	\$ 5,061,000	\$ 3,618,000	\$ 14,812,000	\$ 0	\$ 0	\$ 23,880,000

	1978-79	1979-80	1980-81	1981-82	1982-83	1983-88	Totals
G General Facilities							
Tract 24903-East of Pershing Drive	\$ 600,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 600,000
Landscaping Strip & Noise Barrier-Pilot Project	400,000	0	0	0	0	0	400,000
Southside Air Cargo Site Development	1,000,000	3,050,000	450,000	0	0	0	4,500,000
La Cienega Building Electrical Improvements	161,000	0	0	0	0	0	161,000

^a Eligible for Federal Funds

^b Under grant

^c Estimated design fee approximately 6%

	1978-79	1979-80	1980-81	1981-82	1982-83	1983-88	Totals
General Facilities cont							
Mike Site Land Development	\$ 2,058,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 2,058,000
^a Waste Water Treatment Plant	0	1,200,000	0	0	0	0	1,200,000
Tract 24851-East Westchester	0	1,540,000	0	0	0	0	1,540,000
^a North Acquisition Area Development	2,223,000 ^c	34,833,000	0	0	0	0	37,056,000
Screen Wall-Imperial Highway at Air Freight Building #4	0	143,000	0	0	0	0	143,000
Tract 25681-Playa del Rey	0	328,000 ^c	5,142,000	0	0	0	5,470,000
Subtotal General Facilities	\$ 5,442,000	\$ 41,094,000	\$ 5,592,000	\$ 0	\$ 0	\$ 0	\$ 53,128,000
LAX Total Required	\$ 18,310,000	\$ 147,086,000	\$ 111,321,000	\$ 141,476,000	\$ 13,259,000	\$ 103,660,000	\$ 535,172,000

ONTARIO INTERNATIONAL AIRPORT

	1978-79	1979-80	1980-81	1981-82	1982-83	1983-88	Totals
Terminal Facilities							
^a Parking Lot Remodeling	\$ 236,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 236,000
^a Passenger Terminal-Phase I	0	766,000 ^c	13,994,000	0	0	0	12,760,000
^a Passenger Terminal-Phase II	0	0	0	852,000 ^c	13,348,000	0	14,200,000
^a Passenger Terminal-Phase III	0	0	0	0	0	38,000,000	38,000,000
Subtotal Terminal Facilities	\$ 236,000	\$ 766,000	\$ 11,994,000	\$ 852,000	\$ 13,348,000	\$ 38,000,000	\$ 65,196,000

Airfield Facilities

	1978-79	1979-80	1980-81	1981-82	1982-83	1983-88	Totals
^a Runway 25L & Connecting Taxiways	\$ 11,190,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 11,190,000
Taxiway S	0	0	3,282,000 ^c	0	0	0	3,282,000
^a Runway 25R Extension & Strengthening	0	0	275,000 ^c	4,304,000	0	0	4,579,000
Taxiway N	0	0	0	282,000 ^c	4,420,000	0	4,702,000
Subtotal Airfield Facilities	\$ 11,190,000	\$ 0	\$ 3,557,000	\$ 4,586,000	\$ 4,420,000	\$ 0	\$ 23,753,000
Ontario Total Required	\$ 11,426,000	\$ 766,000	\$ 15,551,000	\$ 5,438,000	\$ 17,768,000	\$ 38,000,000	\$ 88,949,000

^aEligible for Federal Funds

^bUnder grant

^cEstimated design fee approximately 6%

	1978-79	1979-80	1980-81	1981-82	1982-83	1983-88	Totals
VAN NUYS AIRPORT							
A Airfield Facilities							
Taxiway E Reconstruction	\$ 0	\$ 1,495,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 1,495,000
Runway 16R-34L FCC Overlay	0	2,282,000	0	0	0	0	2,282,000
Subtotal Airfield Facilities	\$ 0	\$ 3,777,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 3,777,000
C General Facilities							
Havenhurst Place and Schoenborn St.	\$ 196,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 196,000
Screen Hall-Hayvenhurst Avenue	129,000	0	0	0	0	0	129,000
Tract 29247-Vaijean & Saticoy Street	0	0	744,000	0	0	0	744,000
Improvements	325,000	0	744,000	0	0	0	1,069,000
Subtotal General Facilities	\$ 325,000	\$ 0	\$ 744,000	\$ 0	\$ 0	\$ 0	\$ 1,069,000
Van Nuys Total Required	\$ 325,000	\$ 3,777,000	\$ 744,000	\$ 0	\$ 0	\$ 0	\$ 4,846,000
PALMDALE AIRPORT							
Land Acquisition	\$ 3,000,000	\$ 3,000,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 6,000,000
Alternate Operations Paving	0	1,926,000	0	0	0	0	1,926,000
Site Development	0	0	3,615,000 ^c	56,640,000	3,075,000	0	63,330,000
Palmdale Total Required	\$ 3,000,000	\$ 4,926,000	\$ 3,615,000	\$ 56,640,000	\$ 3,075,000	\$ 0	\$ 71,256,000
AIRPORT SYSTEM TOTALS	\$ 33,061,000	\$ 156,555,000	\$ 131,291,000	\$ 203,554,000	\$ 34,102,000	\$ 141,660,000	\$ 700,223,000

^aEligible for Federal Funds
^bUnder grant
^cEstimated design fee approximately 6%

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 8-3-78
 (213)646-6267

Project Name Land Acquisition		Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract Continuing		Airport LAX	L
Estimated Date of Completion 1978-1979 Fiscal Year		Estimated Project Cost \$1,500,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

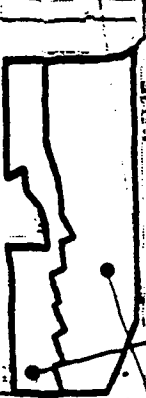
Project Purpose and Description

Completion of land acquisition in the Playa del Rey Island, West Westchester, East Westchester, North Playa del Rey, Emerson Manor and Westchester.

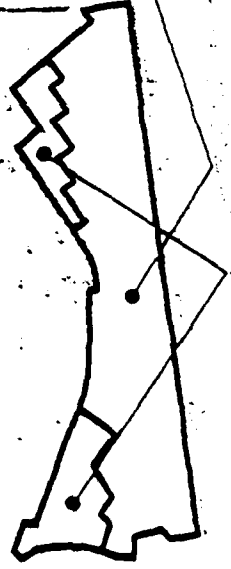
To eliminate residence in approach and transitional zones for runways. Land may be used for parking, storage, terminals, cargo or related purposes.



East Westchester



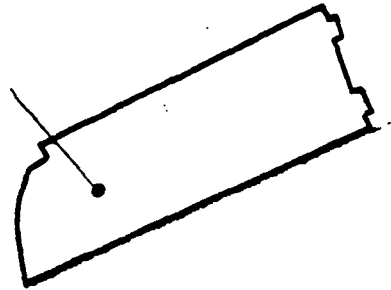
Emerson Manor



West Westchester

North Westchester

Playa del Rey Island
North Playa del Rey



LAND ACQUISITION

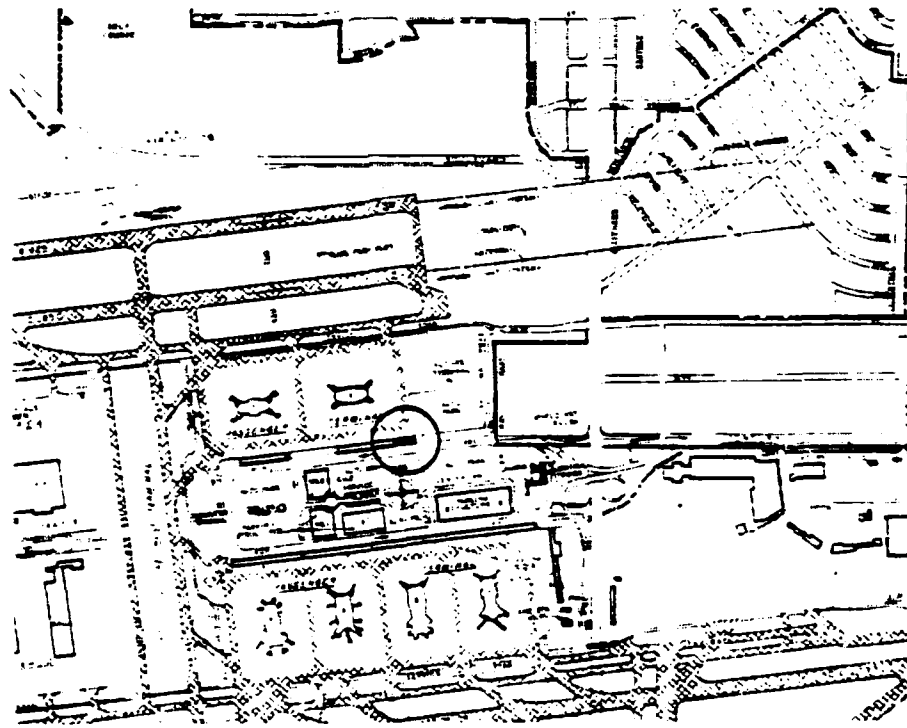
Project Name Ticketing Building 2-East Addition	Project Number	Revision Date 1-1-78
Estimated Date of Award of Contract August 1979	Airport LAX	T
Estimated Date of Completion July 1980	Estimated Project Cost \$2,478,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The addition will provide additional ticketing space for new airlines and permit the relocation of the existing ticket counters in the entrance to the passenger tunnel.

The project will extend the two-story structure seven bays to the east and will permit the airlines to construct additional check-in counters, offices and baggage areas. The addition will add a total of 19,480 square feet to the existing building.



<i>Project Name</i> Satellite 2 - Customs Modifications		<i>Project Number</i>	<i>Revision Date</i> 7-1-78
<i>Estimated Date of Award of Contract</i> January 1978		<i>Airport</i> LAX	
<i>Estimated Date of Completion</i> December 1979		<i>Estimated Project Cost</i> \$2,251,000	

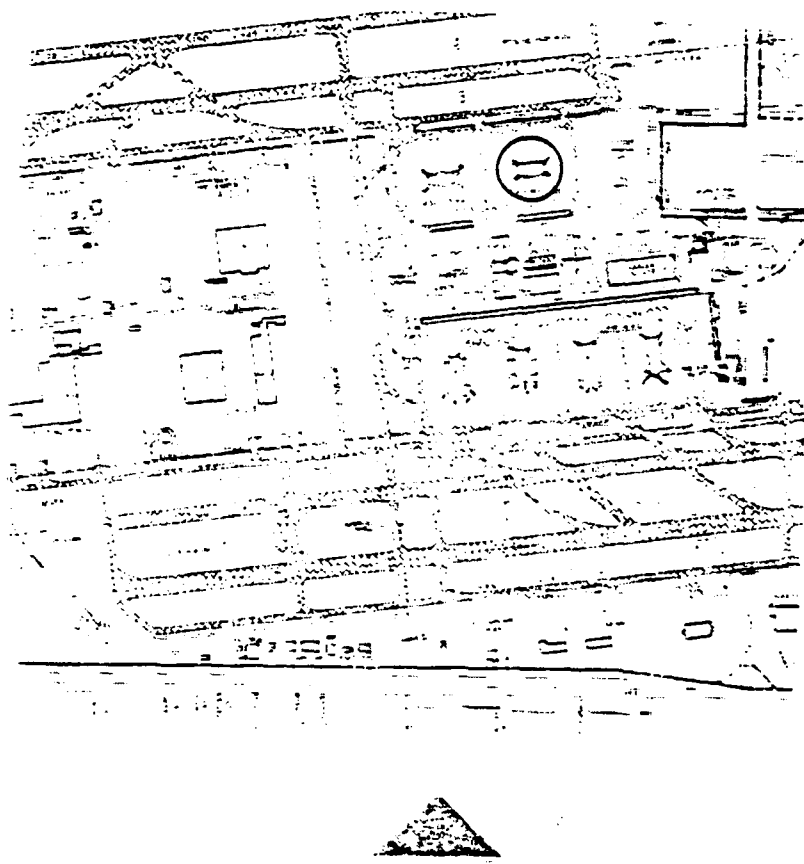
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City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Relocates public level Customs offices to mezzanine level, moves claim devices 16 feet north and adds 120 feet of baggage claim length. Project also includes new outbound baggage conveyor to apron level and new east-west baggage vehicle ramp.

This project will provide interim expansion to the U.S. Customs area until a new FIS facility can be constructed.

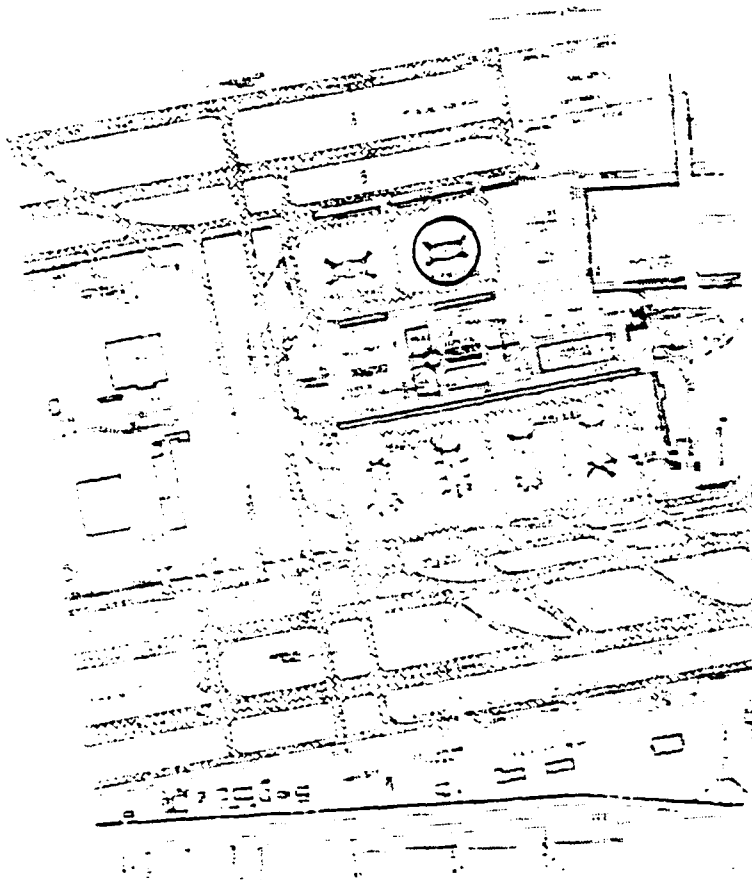


Project Name Satellite 2 - Immigration Modifications	Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract February 1978	Airport LAX	T
Estimated Date of Completion July 1978	Estimated Project Cost \$247,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The project will provide interim improvements to the Immigrations area until a new FIS facility can be constructed. It will include nine new piggy-back inspection counters, new secondary inspection area, and additional office space for the Immigration and Public Health staff. The improvements will be identical for both inspection areas on the operations level of Satellite 2.



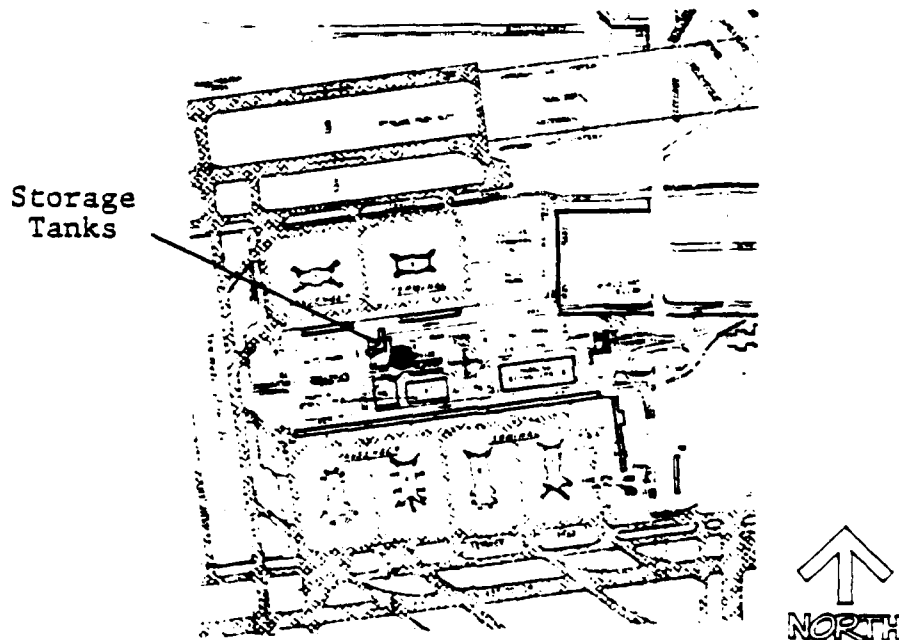
Project Name Fuel Oil Tanks-CUP	Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract March 1978	Airport LAX	T
Estimated Date of Completion July 1978	Estimated Project Cost \$177,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The storage tanks will augment the 59,000 gallon fuel oil storage capacity at the Central Utility Plant (CUP). They will provide an on-site fuel supply for approximately 30 days operation, eliminate the necessity for emergency deliveries of fuel oil and will lower unit costs for fuel. The project anticipates a forthcoming curtailment of natural gas and the eventual complete cut-off of the supply of natural gas.

The project will provide two 50,000-gallon underground fuel oil storage tanks for the CUP.



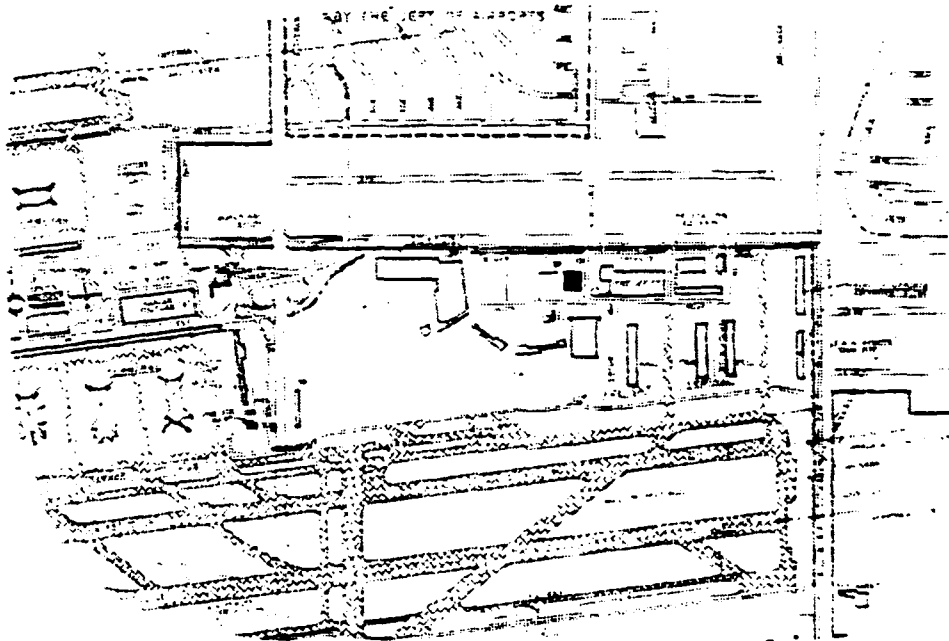
Project Name New Administration Building	Project Number 21T	Revision Date 7-1-78
Estimated Date of Award of Contract October 1979	Airport LAX	T
Estimated Date of Completion January 1981	Estimated Project Cost \$9,700,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

A multiple-story office building on the south side of Century Boulevard (private) between Western Airlines' employee parking structure and the Bank of America building.*

The structure will provide adequate office and parking space for all Department of Airports' bureaus and divisions.



*Other potential sites around the airport are still under study.

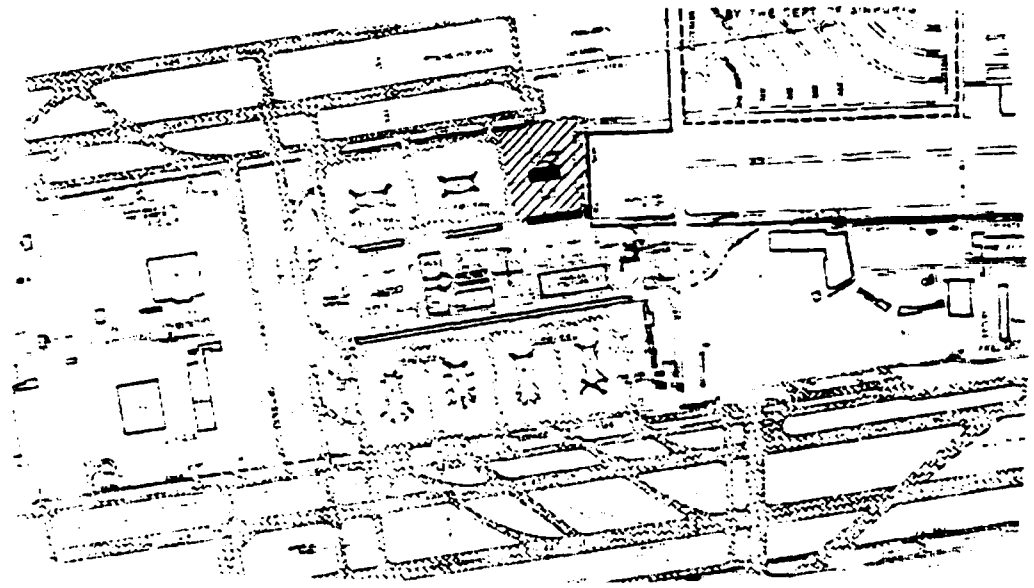
Project Name Terminal 1	Project Number 76T 101T	Revision Date 7-1-78
Estimated Date of Award of Contract April 1980	Airport LAX	T
Estimated Date of Completion January 1982	Estimated Project Cost \$61,000,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

A new terminal complex designed for 12-16 aircraft gate positions. Cost estimate includes all site, roadway and utility work.

This facility is necessary to meet forecast passenger demand.



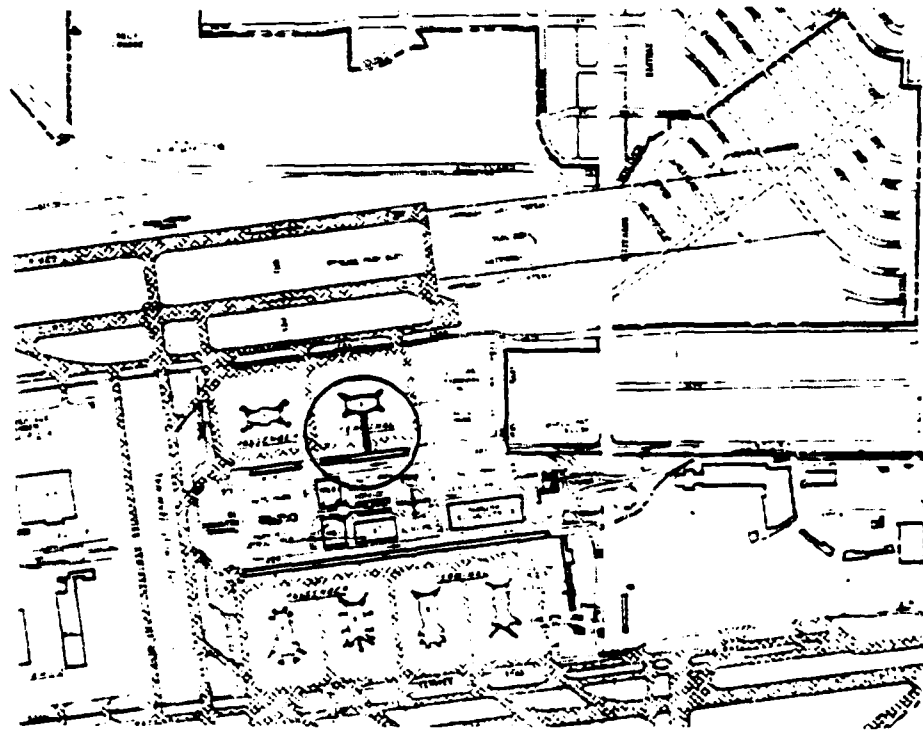
Project Name Ticketing Building 2-West Addition	Project Number	Revision Date 1-1-78
Estimated Date of Award of Contract July 1980	Airport LAX	T
Estimated Date of Completion December 1981	Estimated Project Cost \$6,882,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The addition will provide badly needed space for Federal Inspection Services and additional baggage claim facilities.

The project includes an above ground connection between the Ticketing and Satellite building and a two-story, westerly addition to the ticketing building.



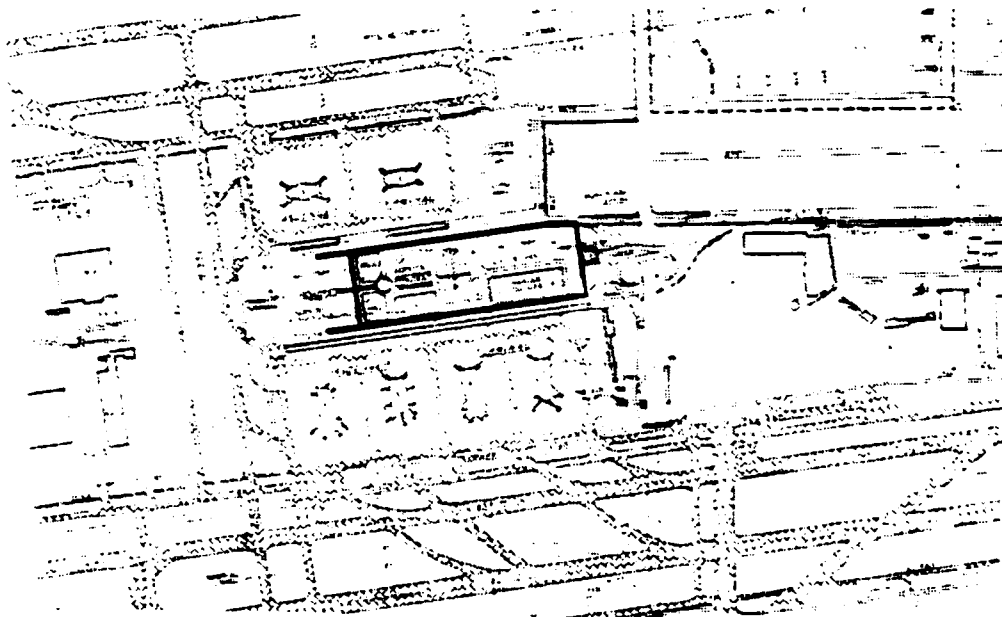
Project Name Utility Tunnel and AC Piping	Project Number 139T	Revision Date 1-1-78
Estimated Date of Award of Contract April 1981	Airport LAX	T
Estimated Date of Completion November 1982	Estimated Project Cost \$7,516,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

A reinforced concrete tunnel, 7' wide x 8' high, with a total length of approximately 7,600' at the perimeter of the central auto park area. The tunnel will house water mains and heating and air conditioning lines in addition to other underground facilities that may be needed from time to time.

To reduce leakage from water mains and heating and air conditioning lines, to facilitate inspection, maintenance, and repair of these lines, and to prevent costly damage that could occur to adjacent facilities in the event of a pipeline failure.



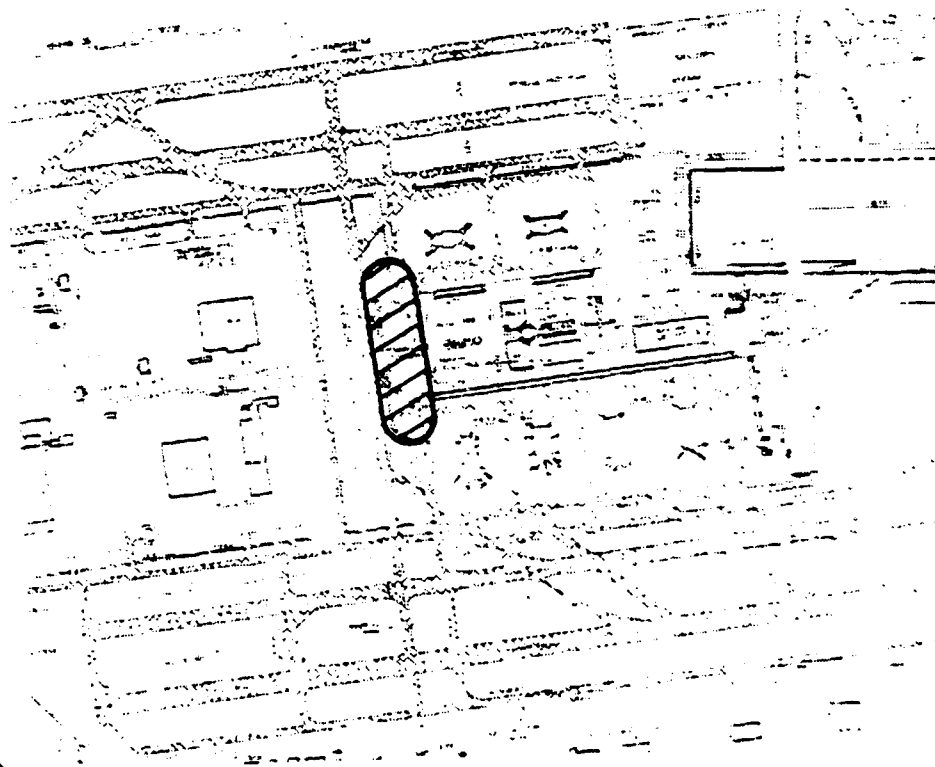
Project Name West Terminal	Project Number 49T	Revision Date 7-1-78
Estimated Date of Award of Contract January 1982	Airport LAX	T
Estimated Date of Completion July 1984	Estimated Project Cost \$83,500,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

A new terminal complex designed for approximately 23 aircraft gate positions.

This facility will provide for airport expansion required to meet passenger forecasts.



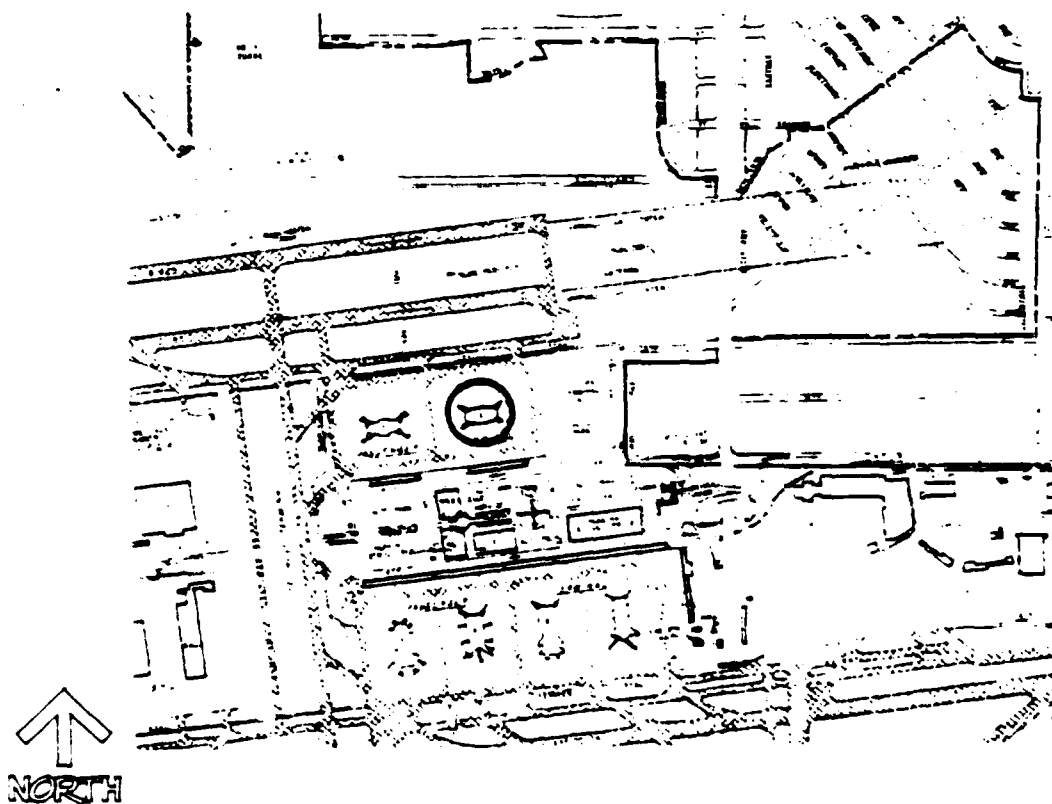
Project Name Satellite 2 Modifications	Project Number 11T, 12T	Revision Date 1-1-78
Estimated Date of Award of Contract June 1982	Airport LAX	T
Estimated Date of Completion March 1984	Estimated Project Cost \$7,550,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

This project will expand the existing international carriers' satellite facilities to meet the rapid growth of international passengers.

The project includes expansion and modification to Satellite 2 after the FIS functions have been moved to a new facility. The project is based on Duplanty-Huffaker's 1971 study and includes appendages at Gate 21 and 28, expanding the mezzanine level over the baggage ramp, and converting the former FIS space to offices and public areas.



Project Name Taxiway F Reconstruction	Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract May 1978	Airport LAX	A
Estimated Date of Completion April 1979	Estimated Project Cost \$2,839,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

To bring Taxiway F to standard FAA 75' wide criteria and to replace deteriorated pavement originally designed and constructed in 1958 for 707/DC-8 type aircraft. The construction will permit wide-bodied cargo and freighter aircraft access to the Air Freight 4 area.

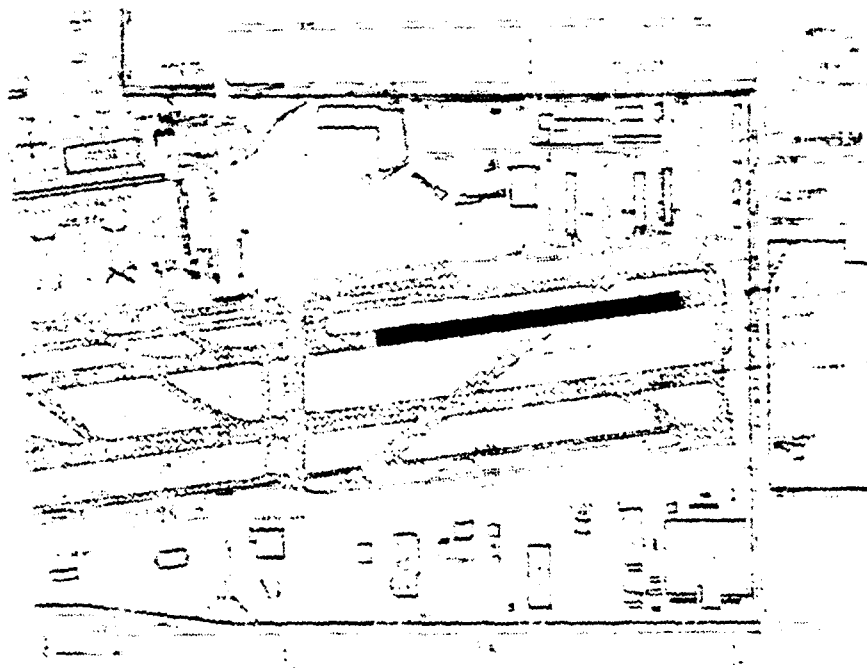
Taxiway F	Reconstruct existing 50' wide taxiway with new 75' wide asphalt concrete pavement, new taxiway lights, and asphalt concrete shoulders between Stations 0 + 00 (east end) and 58 + 00 (500' west of Sepulveda).
Taxiway 3-G	Reconstruct existing 75' wide taxiway with new 75' wide asphalt concrete pavement between Taxiway F and Runway 25L.
Taxiway 7-G	Abandon.
Sepulveda Tunnel	Construct overlay section of Taxiway F designed for B-747 aircraft.

<i>Project Name</i> Runway 25R Rehabilitation	<i>Project Number</i> 39R	<i>Revision Date</i> 7-1-78
<i>Estimated Date of Award of Contract</i> April 1979	<i>Airport</i> LAX	A
<i>Estimated Date of Completion</i> October 1979	<i>Estimated Project Cost</i> \$2,475,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The removal and reconstruction of the middle 100 feet of the most easterly 3,900 feet of Runway 25R. The concrete pavement has failed and needs to be replaced with a thicker concrete section capable of supporting the current generation of aircraft.



Project Name Taxiway 8-G		Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract April 1979		Airport LAX	
Estimated Date of Completion October 1979		Estimated Project Cost \$350,000	

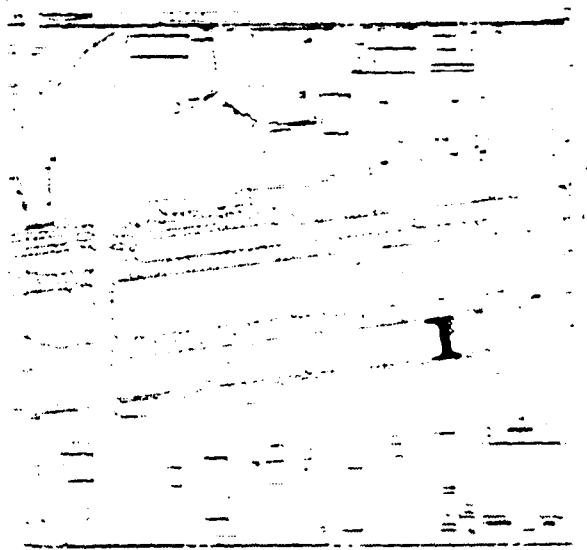
A

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The Taxiway will permit closing the first 700 feet of Runway 25L where the ALS light bars are to be elevated as a step in obtaining Category II minimums for this runway.

The taxiway will be full strength asphalt concrete, 75 feet wide, connecting Taxiway F with the future displaced threshold of Runway 25L at station 9+03.



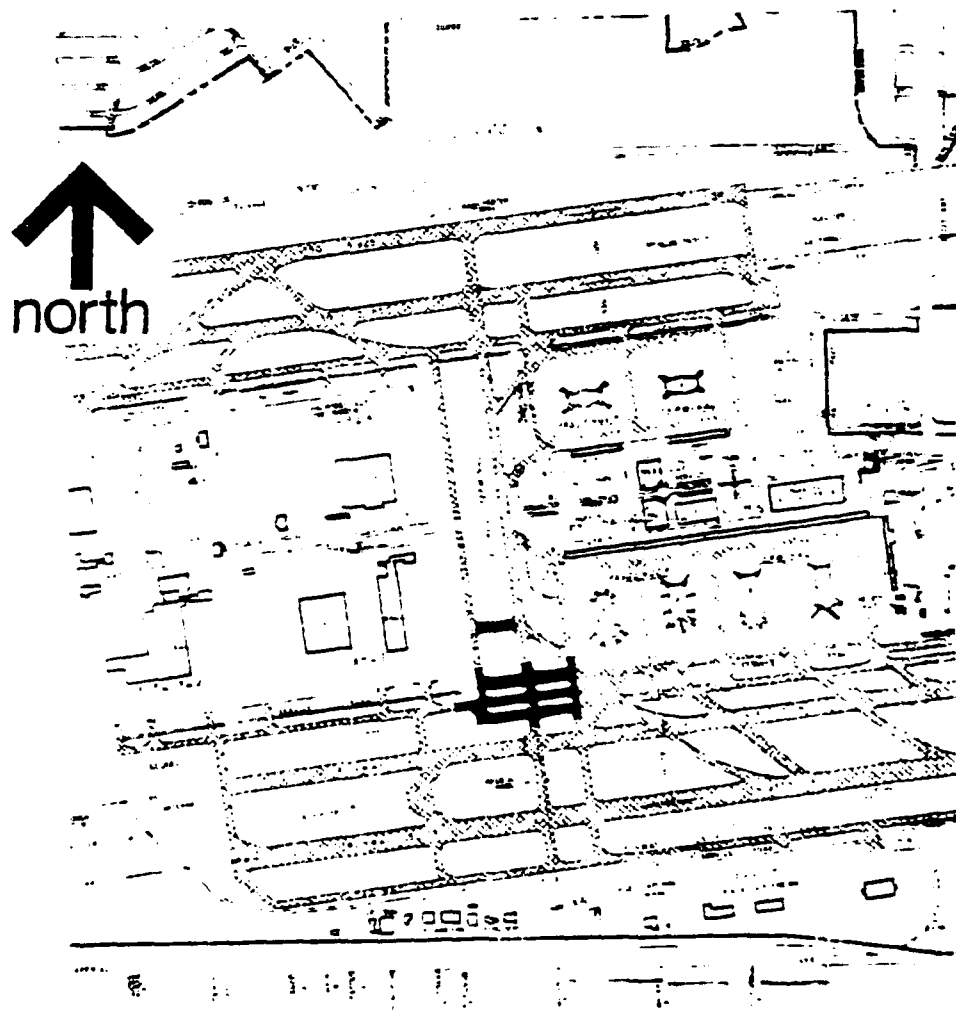
Project Name Taxiways J and K Extension	Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract April 1979	Airport LAX	A
Estimated Date of Completion October 1979	Estimated Project Cost \$1,320,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The project will provide dual east-west taxiways between the north-south taxiways connecting the north runway complex with the south complex. Completion of this project will eliminate a ground traffic bottleneck and minimize aircraft delays.

Taxiways J and K will be extended approximately 900 lineal feet westerly between Taxiway 45 and Taxiway 49. The project also includes constructing a new taxiway (L-48) between Taxiways 47 and 49 and relocating Service Road K to the south between Taxiways J and K.



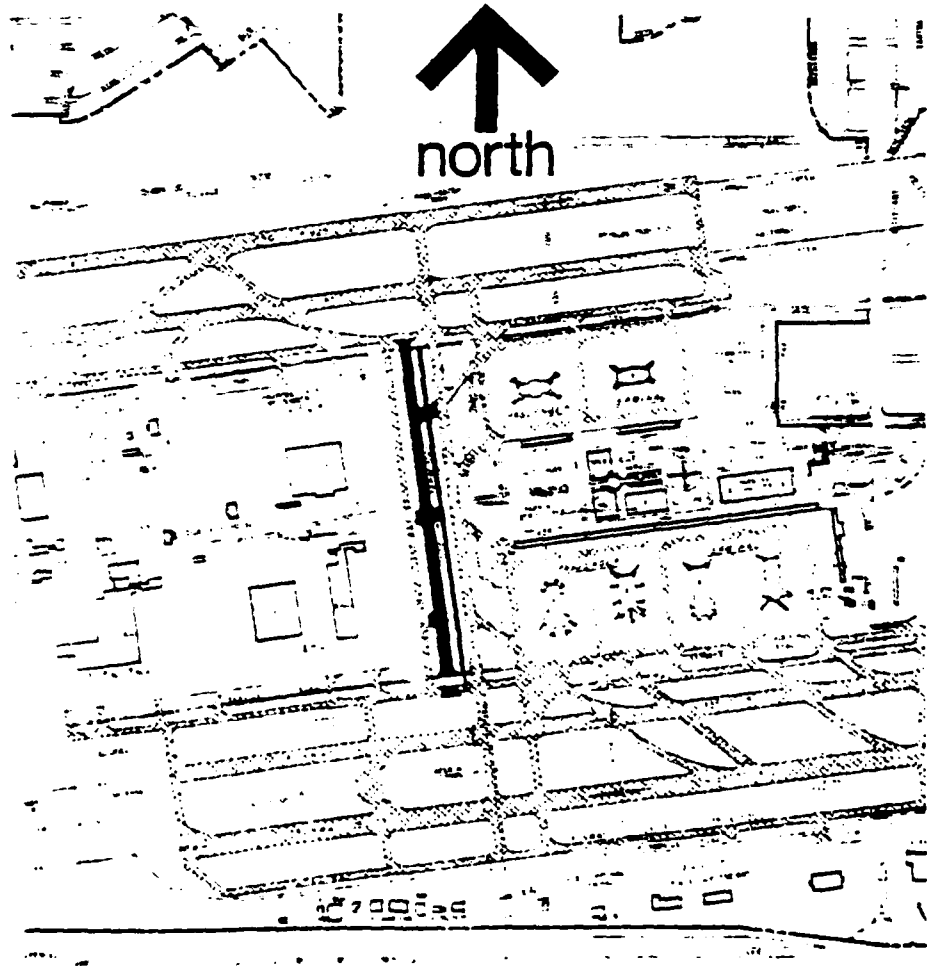
Project Name Taxiway 47 Relocation	Project Number	Revision Date 1-1-78
Estimated Date of Award of Contract August 1979	Airport LAX	A
Estimated Date of Completion June 1980	Estimated Project Cost \$1,730,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

The existing taxiway is rapidly deteriorating and requires replacement. The new location will allow adequate space to develop the proposed West Terminal and continue to provide the airfield with a dual north-south taxiway system connecting the north and south runway complexes.

The new centerline of the 75-foot wide concrete taxiway will be located 198 feet west of the existing centerline and 276 feet east of the existing Taxiway 49 centerline between Taxiway U and Taxiway J. The project includes a connection to the diagonal Taxiway T-47 and relocating the service road east of Taxiway 47 to the west edge of the existing Taxiway 47 which will be abandoned as an active taxiway.



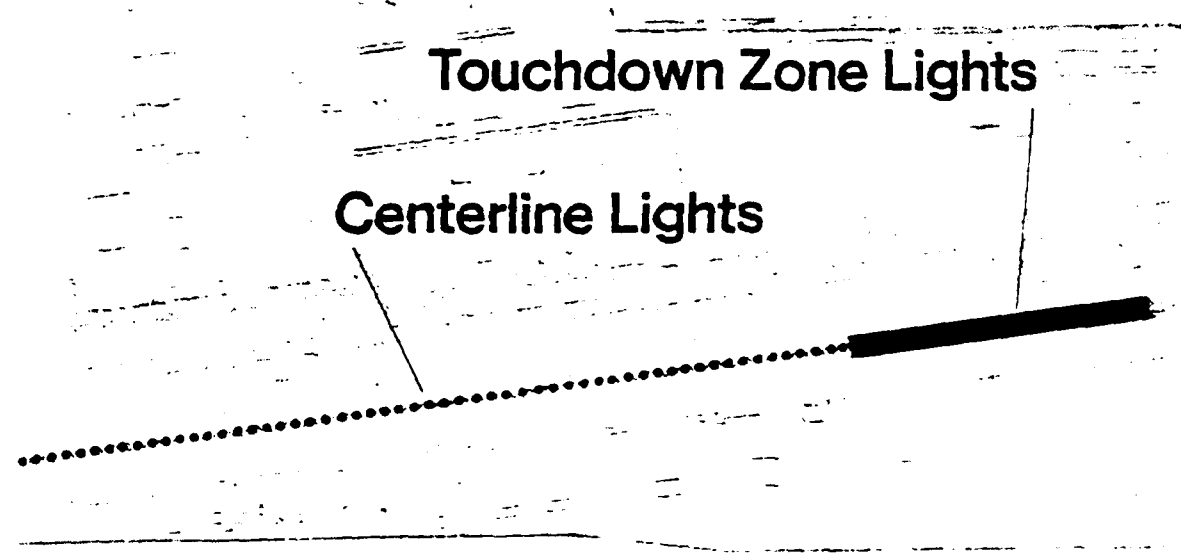
Project Name In-Runway Lighting, Runway 25L	Project Number 125R	Revision Date 7-1-78
Estimated Date of Award of Contract September 1979	Airport LAX	A
Estimated Date of Completion May 1980	Estimated Project Cost \$1,047,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

The project is necessary to comply with the FAA requirements for Category II operations.

It will include the installation of a centerline lighting system and Touchdown Zone lighting for Runway 25L.



Centerline Lights

Touchdown Zone Lights

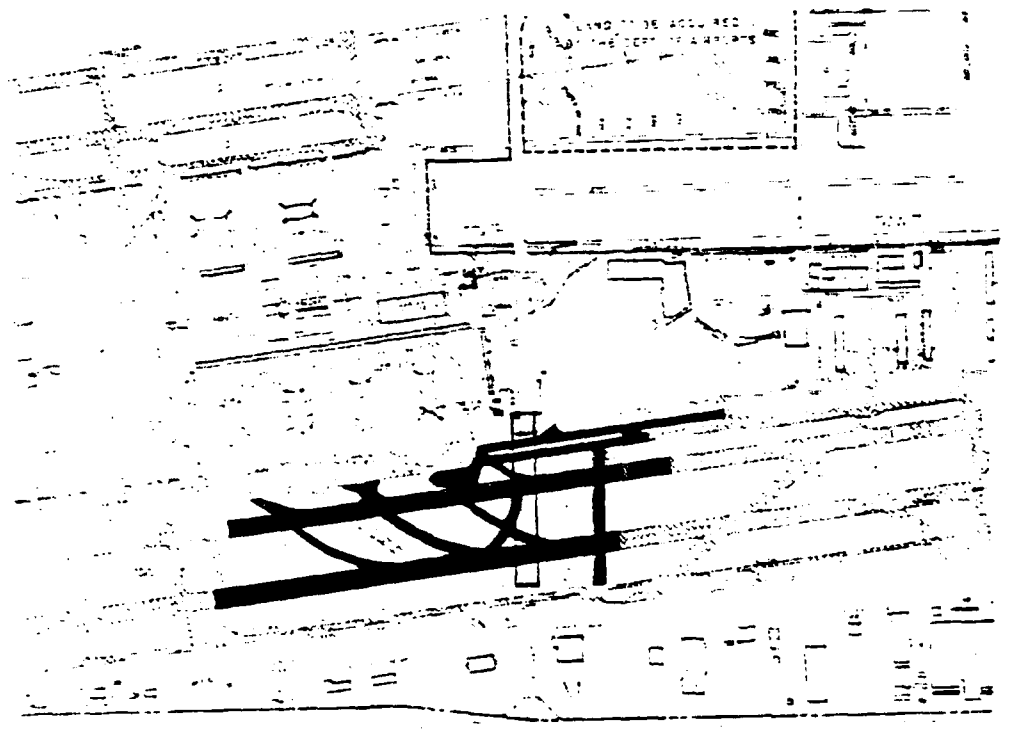
Project Name Sepulveda Underpass Reinforcing & Runway Reconstruction	Project Number 43F, 45R	Revision Date 7-1-78
Estimated Date of Award of Contract September 1979	Airport LAX	A
Estimated Date of Completion September 1981	Estimated Project Cost \$14,960,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

The purpose of the project is to strengthen the south runway complex for jumbo jet use. Construction will include:

- a) New structural section over the existing Sepulveda Tunnel.
- b) 178,900 SY's new PCC runway and taxiway pavement.
- c) Updating of lighting and geometrics to meet current FAA criteria.



<i>Project Name</i> Imperial Storm Drain	<i>Project Number</i> 10F	<i>Revision Date</i> 1-1-78
<i>Estimated Date of Award of Contract</i> October 1979	<i>Airport</i> LAX	A
<i>Estimated Date of Completion</i> April 1980	<i>Estimated Project Cost</i> \$1,003,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Construction of 2,940 feet of 87-inch RCP storm drain to connect the passenger terminal outfall storm drain to the existing Los Angeles County Flood Control District storm drain at new Pershing Drive.

The completion of this storm drain will eliminate the detention basin west of the Runway 25 Complex, so that the clear zone at the end of the runway can be leveled. It will also alleviate mosquito and bird problems in the open ponding basin.



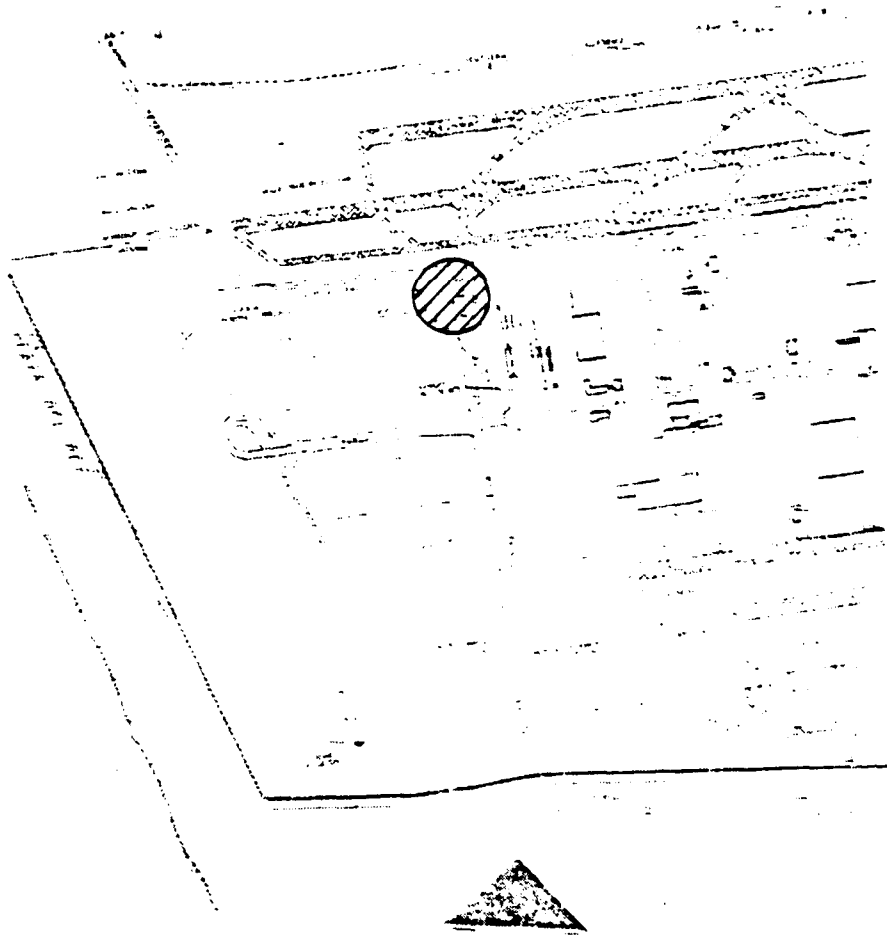
Project Name Remote Aircraft Parking Positions		Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract November 1979		Airport LAX	A
Estimated Date of Completion May 1980	Estimated Project Cost \$1,376,000		

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Construction of six interim parking positions for wide-bodied jets to be located south of Taxiway U at the intersection of the future Taxiway 75.

These remote gate positions are needed to meet the gate requirements at Satellite 2 and also provide substitute parking positions to replace the three aircraft parking pads east of Satellite 2 that are to be removed to allow for Terminal 1 construction.



Project Name Taxiways 8-H and 8-J	Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract August 1980	Airport LAX	
Estimated Date of Completion August 1981	Estimated Project Cost \$922,000	

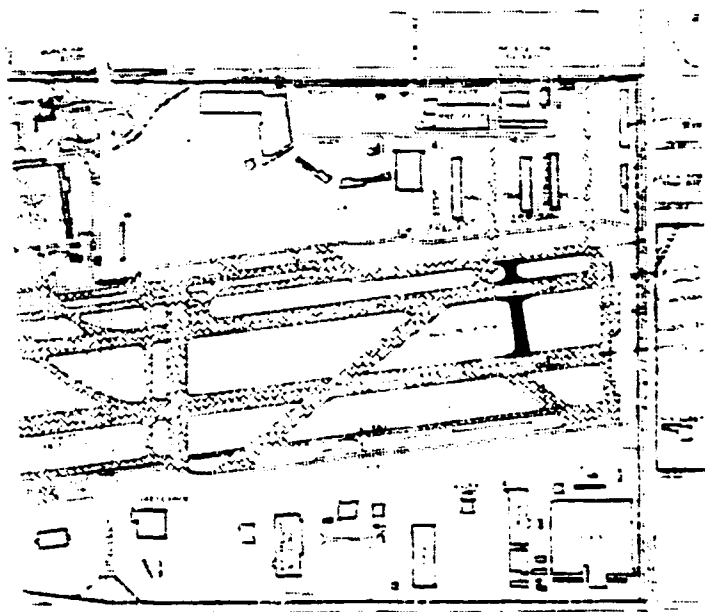
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City of Los Angeles
Department of Airports
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Facilities Planning

Project Purpose and Description

This project will permit access from the north to Runway 25L when the first 700 feet of Runway 25L is no longer usable due to elevated light bars in the new ALS system.

The taxiways will be 75 foot wide, full strength asphalt concrete taxiways connecting Taxiways 8-G and 8-L. The taxiways will be located approximately 1,100 feet from the east end of Runway 25R.



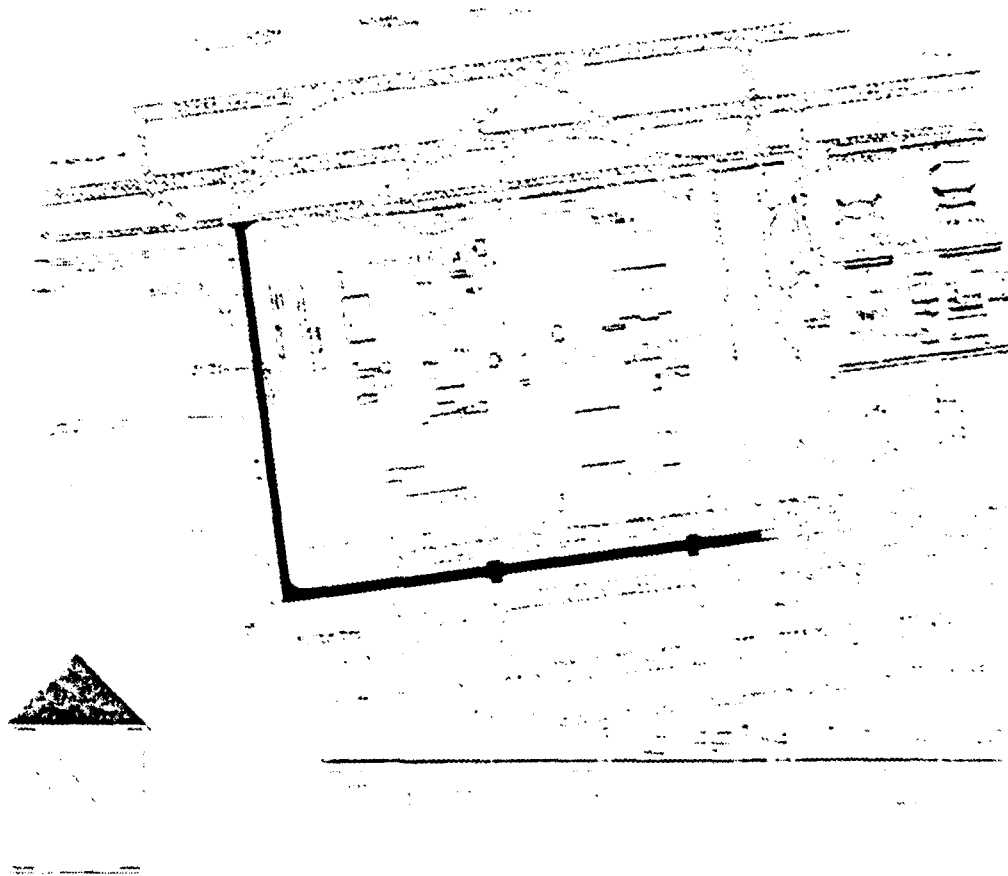
Project Purpose and Description

Taxiway 75 - P.C.C. 100' wide, 3,700' long, between
Taxiway U and Taxiway J Extension.

Taxiway J Extension - P.C.C., 100' wide, 5,000' long,
between Taxiway 75 and Taxiway 47.

Connecting Taxiways - Reconstruction of north-south
Taxiways 53 and 63.

Taxiway 75 will provide an additional north-south
taxiway. Existing Taxiway J is to be extended
west to connect Taxiway 75 to the south airfield.



Project Name Fog Dispersal Facility - Runway 24R		Project Number	Revision D 7-1-76
Estimated Date of Award of Contract August 1981		Airport LAX	A
Estimated Date of Completion August 1982	Estimated Project Cost \$10,000,000		

City of Los Angeles
Department of Airports
Office
Facilities Planning

Project Purpose and Description

The purpose of the project is to minimize costly and disruptive alternate operations that result from adverse fog conditions.

The project will require the contractor to provide a guaranteed "turn key" system which will provide for visibility and ceiling improvements on Runway 24R through the use of a thermokinetic fog dispersal system. The system will be computer controlled with manual override and will provide meteorological improvements for flight operation to Category II.

A separate project, "Taxiway Centerline Lighting", will provide a guidance system from the runway to the terminal area.



Project Name Runway 24R Extension	Project Number 134R	Revision 1-1-78
Estimated Date of Award of Contract August 1981	Airport LAX	A
Estimated Date of Completion August 1982	Estimated Project Cost \$2,275,000	

City of Los Angeles
Department of Airport
Office of
Facilities Planning

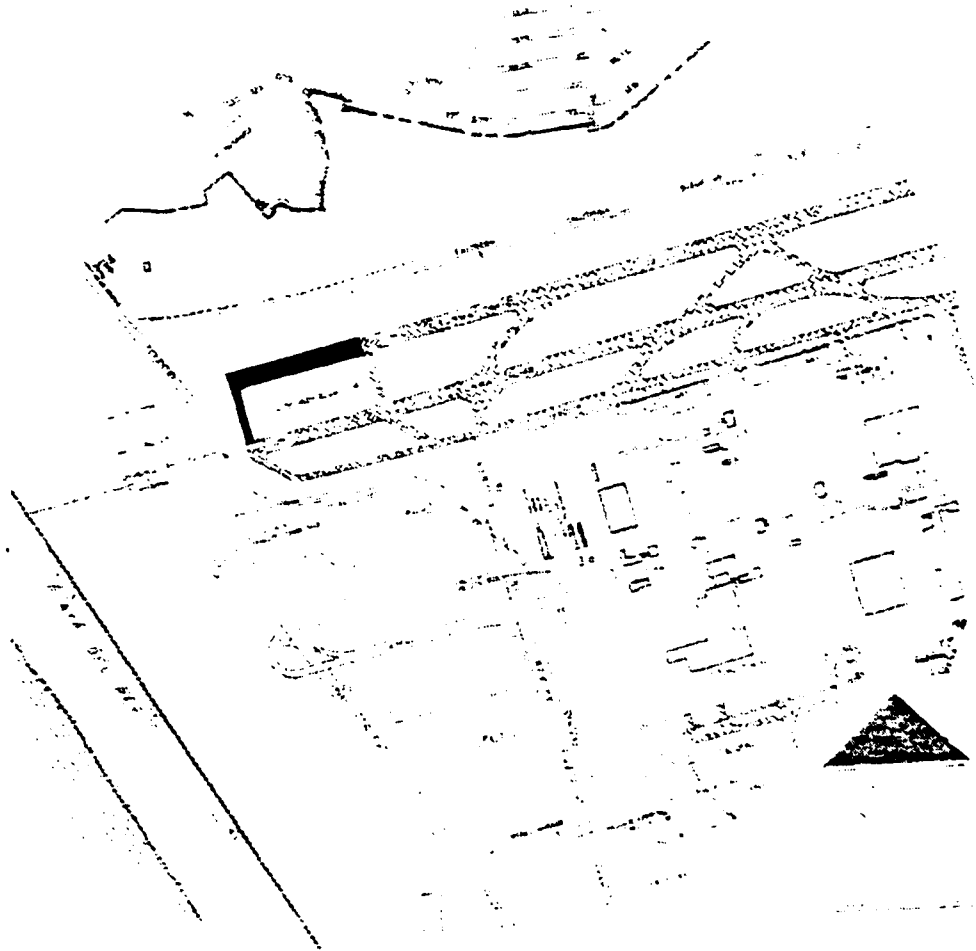
Project Purpose and Description

The project will extend Runway 24R to a planned length of 10,285 feet to increase the takeoff capability to that equal at Runway 24L.

The project includes:

Runway extension - 1,360 lineal feet of concrete pavement (22,670 square yards), including drainage facilities, centerline and edge lights, and paved shoulders.

Taxiway connection - (Taxiway 85-V) - 700 lineal feet of concrete pavement (5,350 square yards) including edge lights and paved shoulders.



Project Name Taxiway Centerline Lighting	Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract September 1981	Airport LAX	
Estimated Date of Completion September 1982	Estimated Project Cost \$1,072,000	

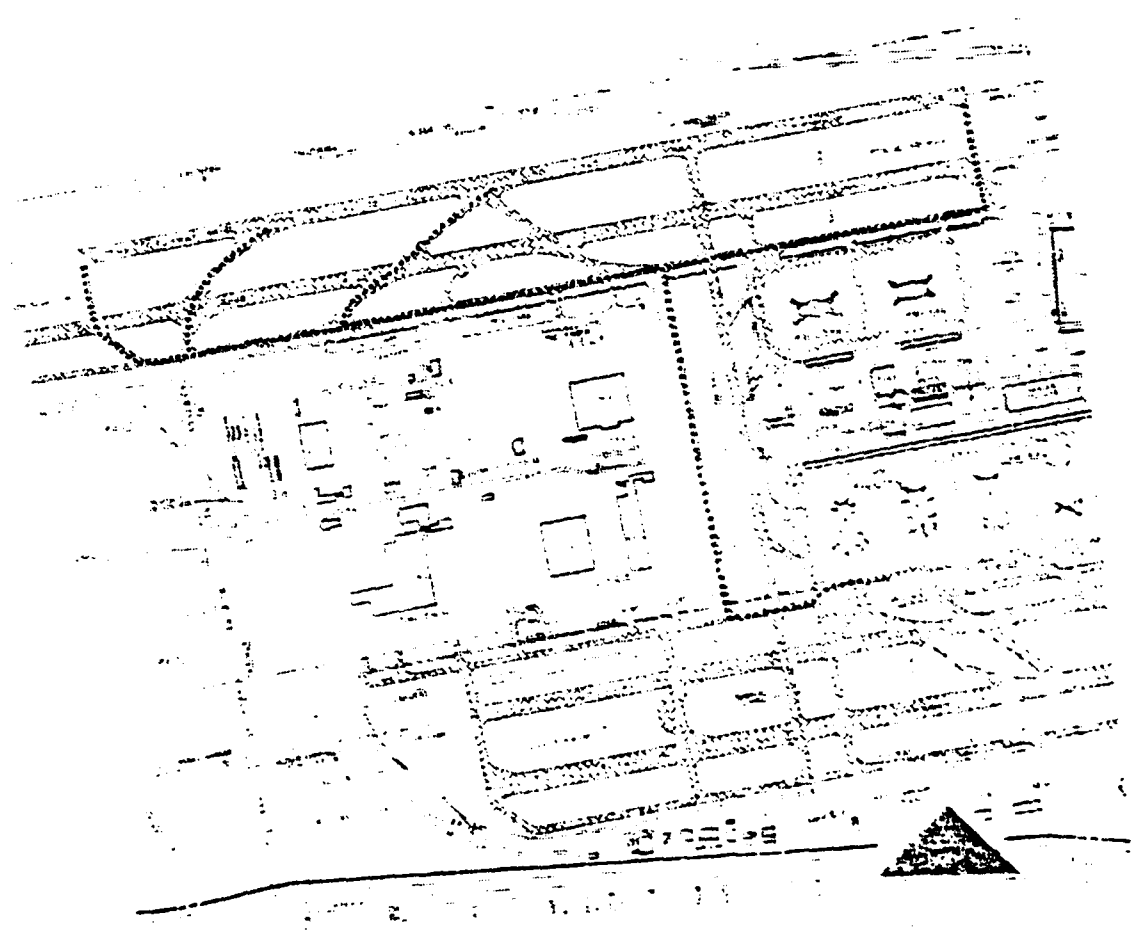
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City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

The purpose of the project is to minimize costly and disruptive alternate operations resulting from adverse fog conditions. The light system will guide aircraft from Runway 24R to the Terminal Area.

The project will provide centerline taxiway lighting to Category III standards. Light spacing is proposed to be about 15 feet on centers for the high speed exit taxiway turns and intersections and 50 feet on centers for straight sections.



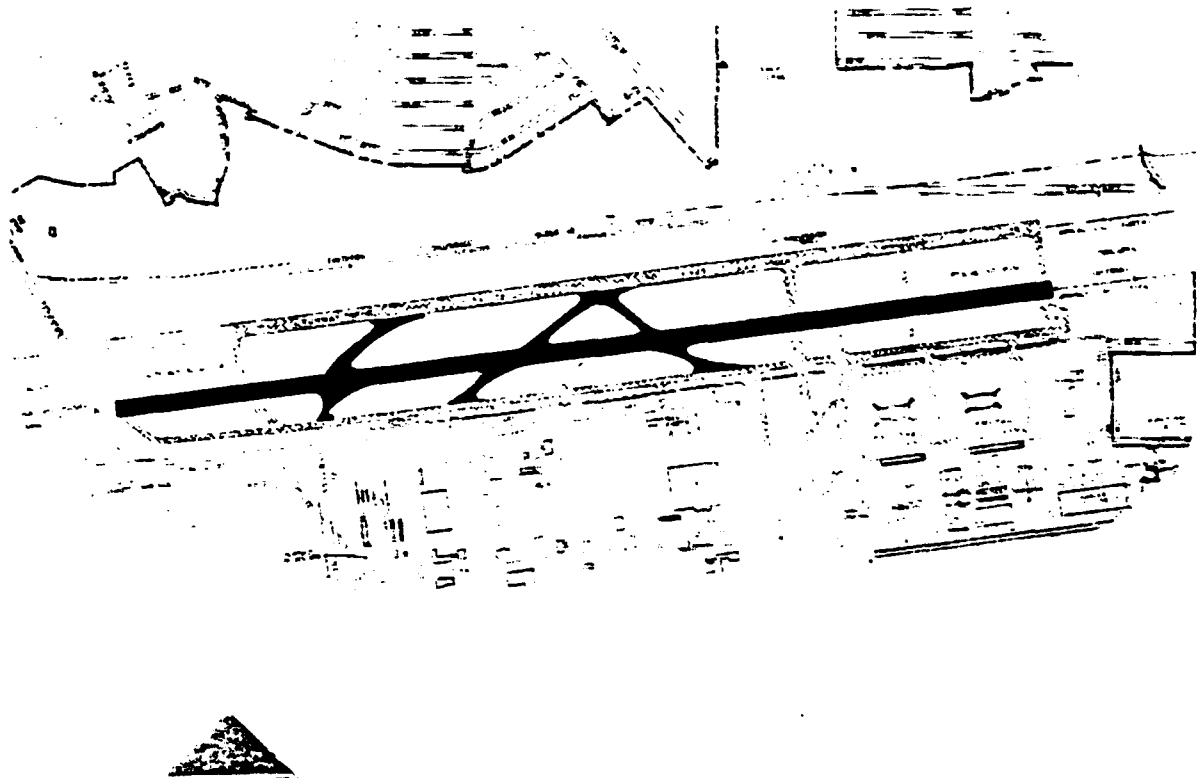
Project Name Runway 24L-6R Reconstruction	Project Number 133R	Revision Date 7-1-78
Estimated Date of Award of Contract August 1982	Airport LAX	A
Estimated Date of Completion August 1983	Estimated Project Cost \$10,595,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

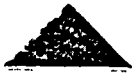
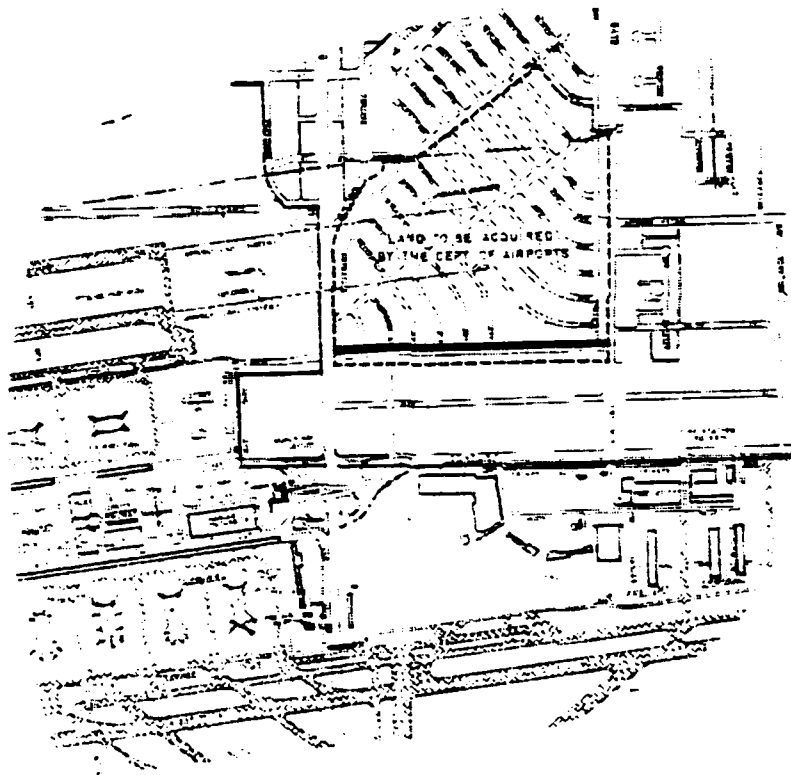
Reconstruction will be required for LAX's primary wide-bodied runway approximately seven to eight years after completion of Runway 24L Resurfacing Project (December, 1974).

Reconstruct entire 10,285 foot long Runway 24L-6R, and asphalt concrete taxiways 52-V, 65-V, 65-U, 75-V, 75-U. Project includes replacing existing asphalt runway and taxiways with concrete pavement, overlaying existing concrete at east and west ends of runway with concrete pavement, centerline and touchdown zone lights, and pavement grooving.



Project Purpose and Description

This project is a requirement of the Conditional Use approval to build the East Westchester Auto Parking Lot and it will widen 96th Street from between 13' and 15' on the north side between Airport Boulevard and Sepulveda Boulevard. The project will include AC pavement, curb and gutter, concrete sidewalk, street trees, street lights, and traffic signals.



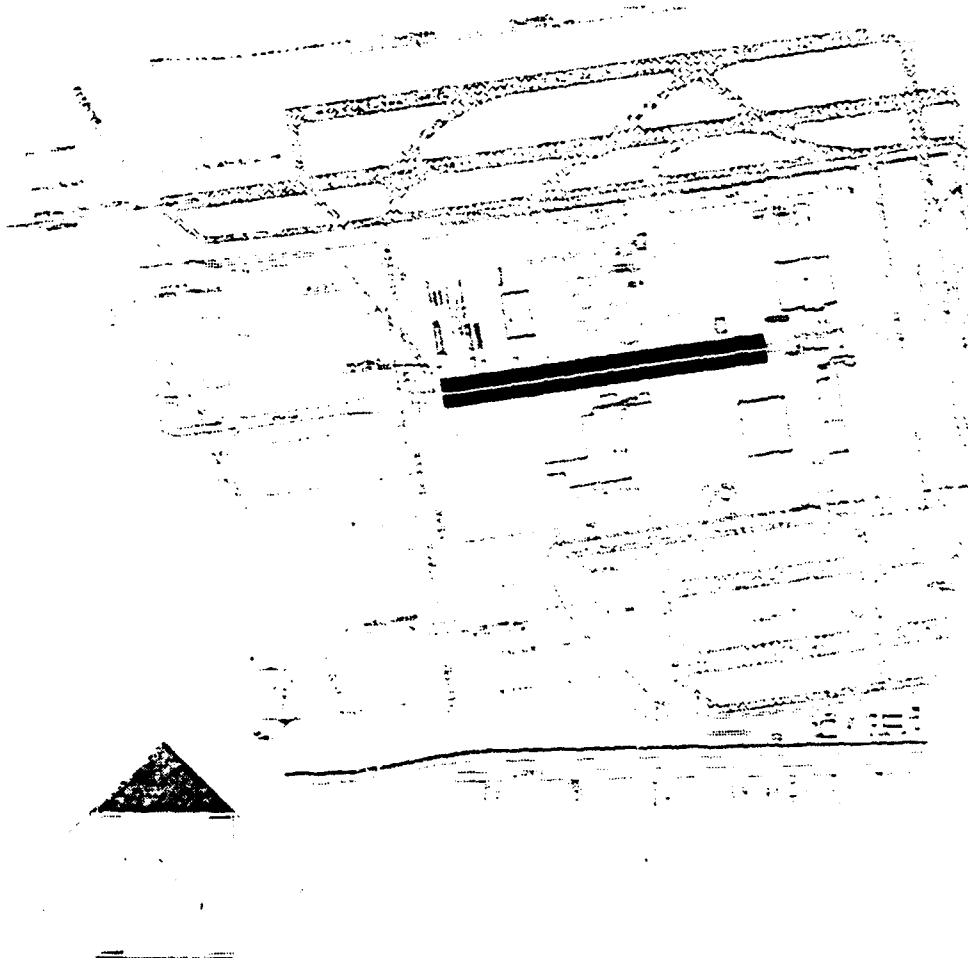
Project Name Widen World Way West	Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract November 1979	Airport LAX	X
Estimated Date of Completion May 1980	Estimated Project Cost \$2,110,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The project will add one lane in each direction to existing World Way West. (Approximately 38,400 sq. ft. of pavement) and will also underground the existing overhead power and telephone lines along World Way West.

Completion of the project will provide for increased traffic from the airlines maintenance area and remove unsightly overhead facilities.



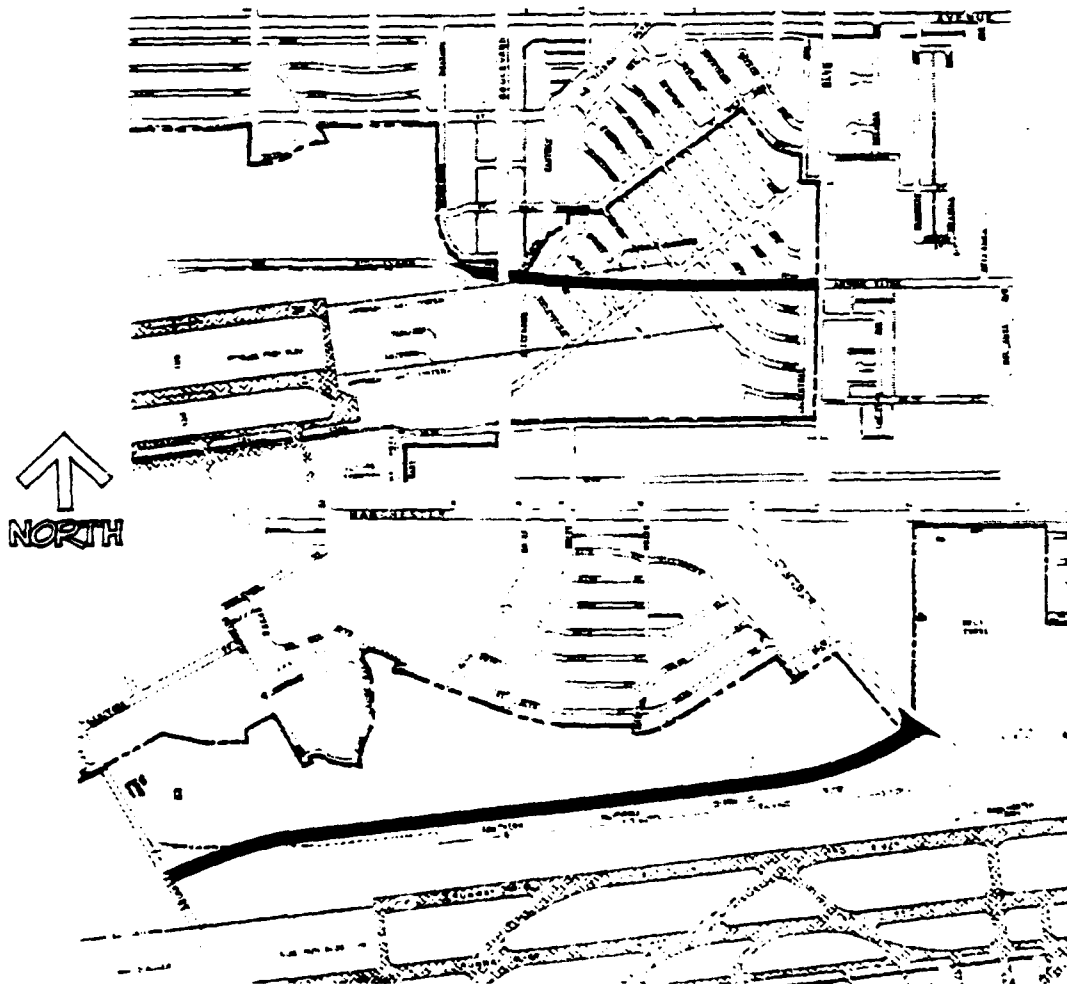
Project Name North Arterial Roadway - Phases I & II	Project Number	Revision Date 1-1-78
Estimated Date of Award of Contract January 1980	Airport LAX	X
Estimated Date of Completion July 1982	Estimated Project Cost \$3,016,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The highway will join the section of roadway between Hastings Avenue and Pershing Drive which is planned to be constructed as part of the Nike Site Land Development project. The project will provide an east-west traffic corridor between Manchester and Imperial linking the San Diego Freeway and the ocean and to provide access to the acquisition areas north of the airport.

The roadway will be constructed to major highway standards between Airport Boulevard and Sepulveda Boulevard through East Westchester (Phase I) and between Lincoln Boulevard and Hastings Avenue through West Westchester (Phase II). The project includes signalized intersections at Sepulveda, Emerson and Lincoln.



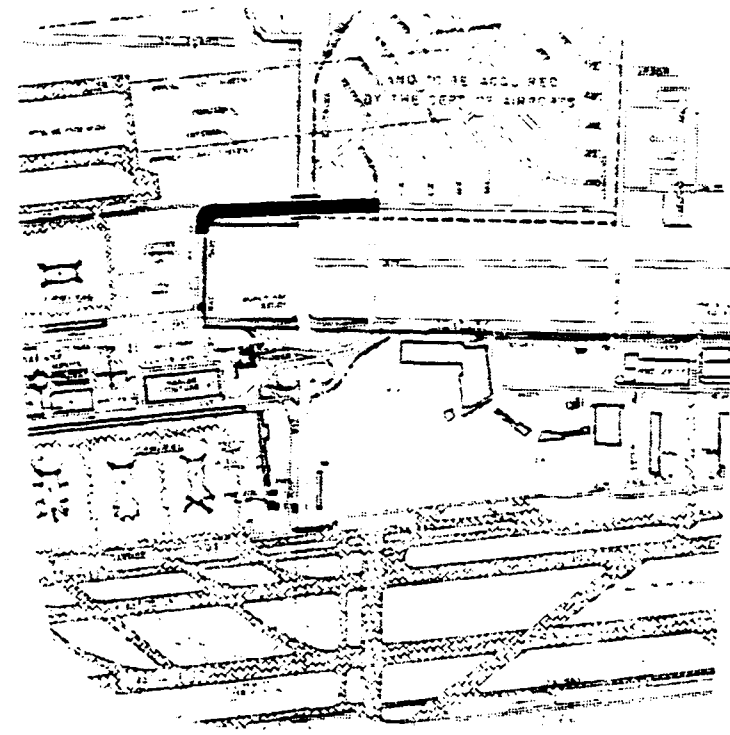
Project Name 96th Street Bridge Over Sepulveda	Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract February 1980	Airport LAX	X
Estimated Date of Completion December 1980	Estimated Project Cost \$1,646,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

A four-lane vehicular bridge over Sepulveda north of 96th Street including connections to Lot "C" and Sky Way.

The project will provide an off-street connection between the East Westchester Transportation Center and the Airport for buses, rental car vans, and future transportation modes.



Project Name Second Level Roadway		Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract January 1981		Airport LAX	X
Estimated Date of Completion January 1984	Estimated Project Cost \$75,000,000		

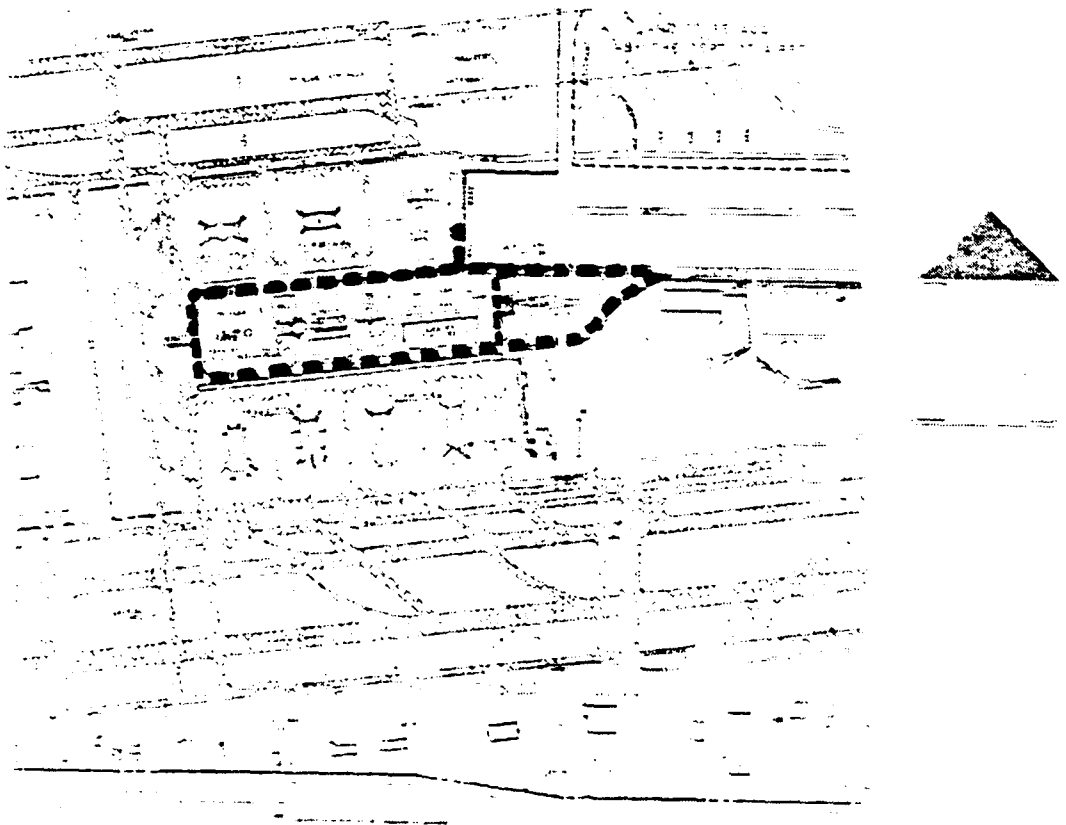
City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The following is a brief description of the preferred alternative developed in the LAX Ground Access Study to increase the capacity of LAX to 40 MAP.

The primary elements are: an elevated four-lane roadway in the CTA contiguous with the ticketing buildings, continuous sidewalk at the second level along World Way, direct access to the parking structures via bridges over World Way, and ramp access and egress at Century and Sepulveda Boulevards. The roadway will be designed to accommodate conversion of second level lanes to preferential high-occupancy vehicles and/or to a People Mover Guideway.

Parking lot, parking structure, roadway improvements, etc. which are a part of the preferred alternative are listed separately as individual projects.



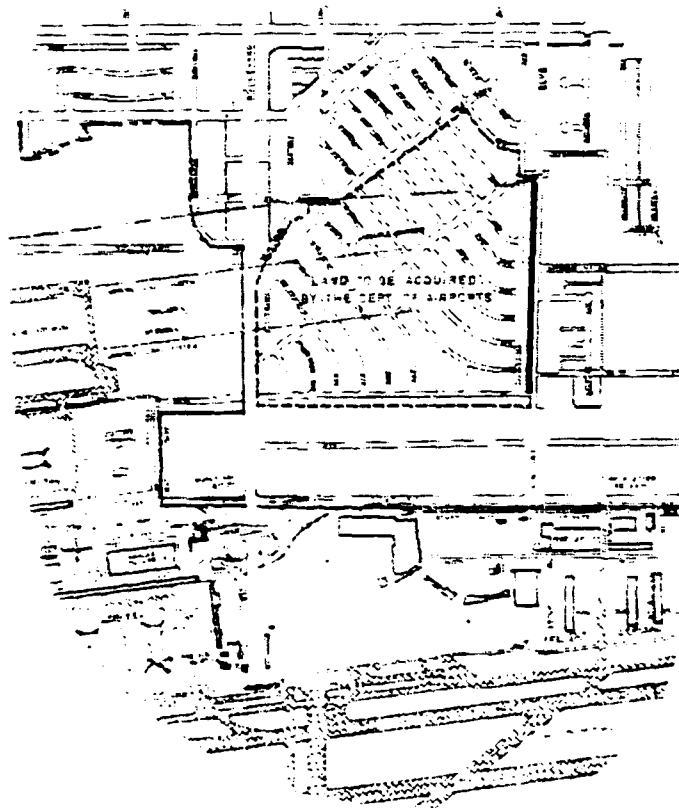
<i>Project Name</i>	Airport Boulevard (W/S) - 96th Street to Interceptor	<i>Project Number</i>	<i>Revision Date</i> 1-1-78
<i>Estimated Date of Award of Contract</i>	July 1981	<i>Airport</i>	X
<i>Estimated Date of Completion</i>	January 1982	<i>Estimated Project Cost</i> \$354,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Widen Airport Boulevard 17' on the west side between 96th Street and Interceptor Street. Project includes AC pavement, curb and gutter, concrete sidewalk, street trees, street lights, and traffic signals.

This project is a requirement of the Conditional Use approval to build the East Westchester Auto Parking Lot.



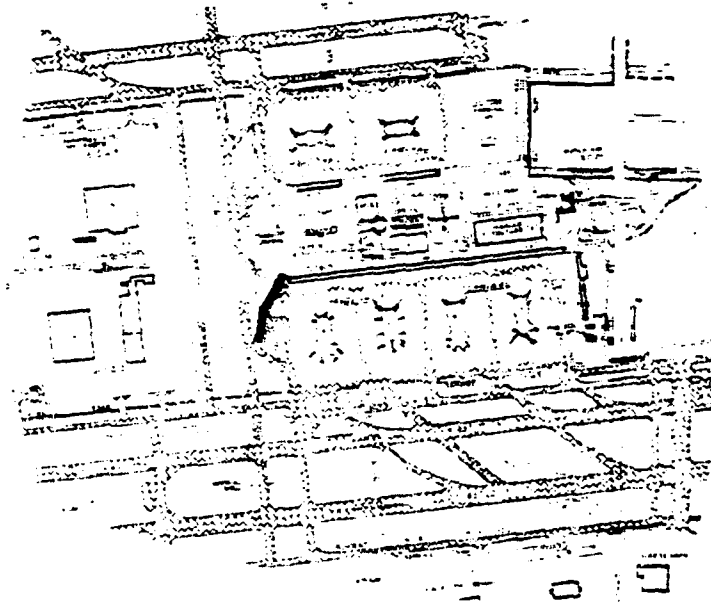
Project Name World Way to Imperial Tunnel Connection	Project Number 94F	Revision Date 1-1-78
Estimated Date of Award of Contract August 1981	Airport LAX	X
Estimated Date of Completion August 1982	Estimated Project Cost \$11,836,000	

City of Los Angeles
Department of Airports
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Project Purpose and Description

A two-roadway tunnel approximately 900 feet in length connecting the Imperial Tunnel to World Way.

To provide an alternate ingress and egress to the passenger terminal area and to increase ground access capacity of the central complex.



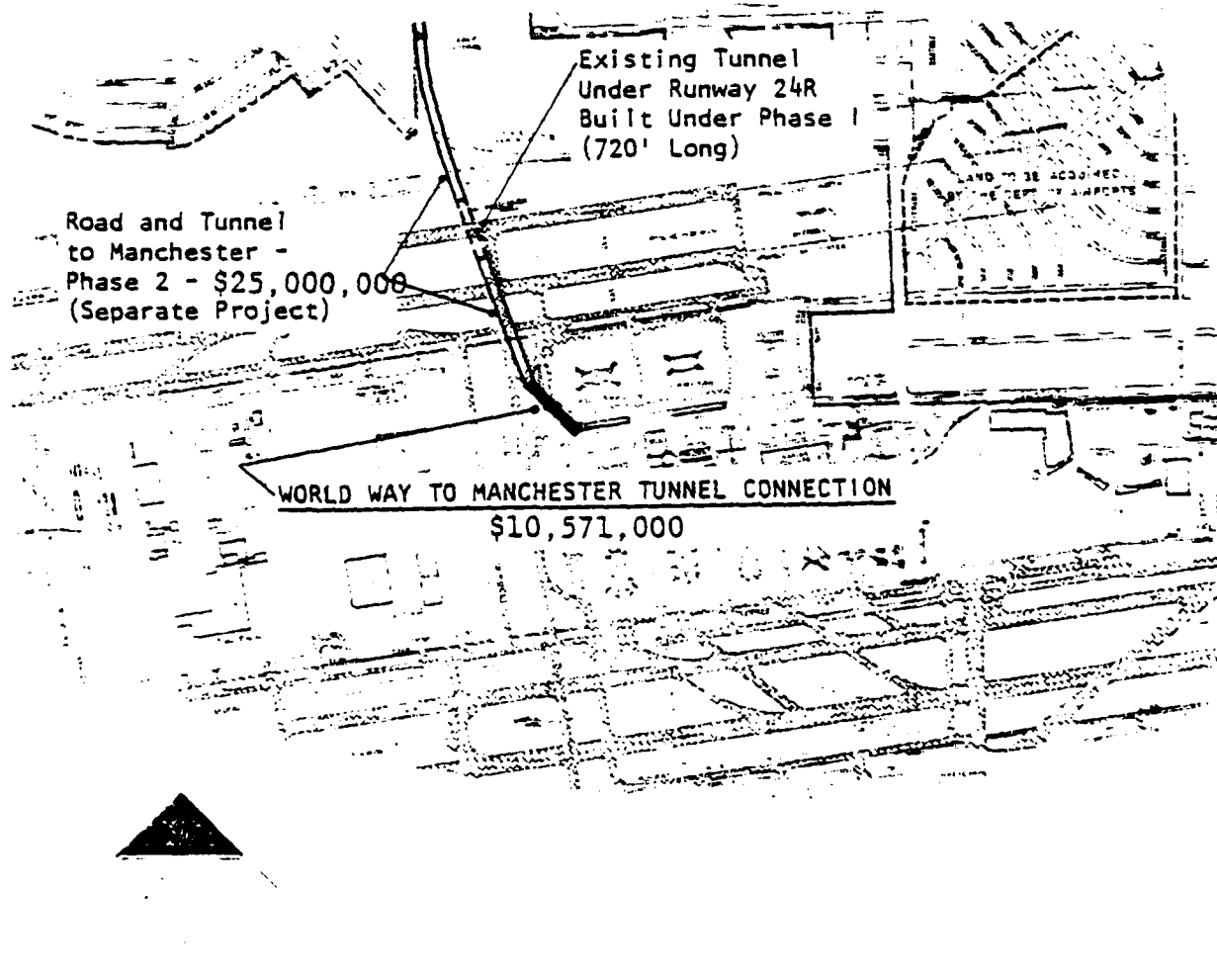
Project Name World Way to Manchester Tunnel Connection	Project Number 57F	Revision Date 1-1-78
Estimated Date of Award of Contract August 1981	Airport LAX	X
Estimated Date of Completion August 1982	Estimated Project Cost \$10,571,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

A two-roadway tunnel (each 55 feet wide) approximately 1,100 feet in length connecting the Road and Tunnel to Manchester - Phase 2 to World Way.

To provide an additional vehicular entrance and exit for the passenger terminal area.



Project Name Imperial Tunnel		Project Number 94F	Revision Date 7-1-78
Estimated Date of Award of Contract Ph I 9/83, Ph II 9/84, Ph III 8/85		Airport LAX	X
Estimated Date of Completion Ph I 9/84, Ph II 9/85, Ph III 8/86		Estimated Project Cost \$55,000,000	

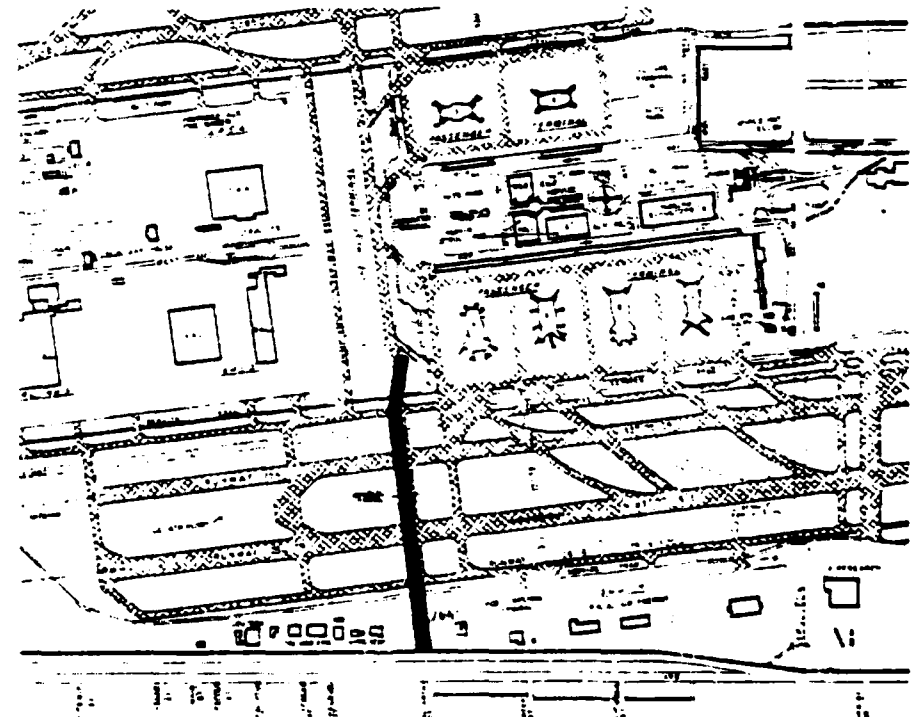
City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

- Phase I Structural under Runway 25L \$37,000,000
- Phase II Structural under Runway 25R \$37,000,000
- Phase III Ventilation Building Lighting and Roadway \$18,000,000

To provide an alternate ingress and egress to the passenger terminal area and to increase the ground access capacity of the central complex.

A 4,300 foot roadway between World Way and Imperial Highway. A portion of the roadway will be a 3,700 foot underground structure, crossing under the Runway 25 complex. The roadway will interchange with Imperial Highway and World Way and will provide three lanes in each direction. Ventilation and lighting facilities will be included. This project will be phased in with the reconstruction of the south runway complex.



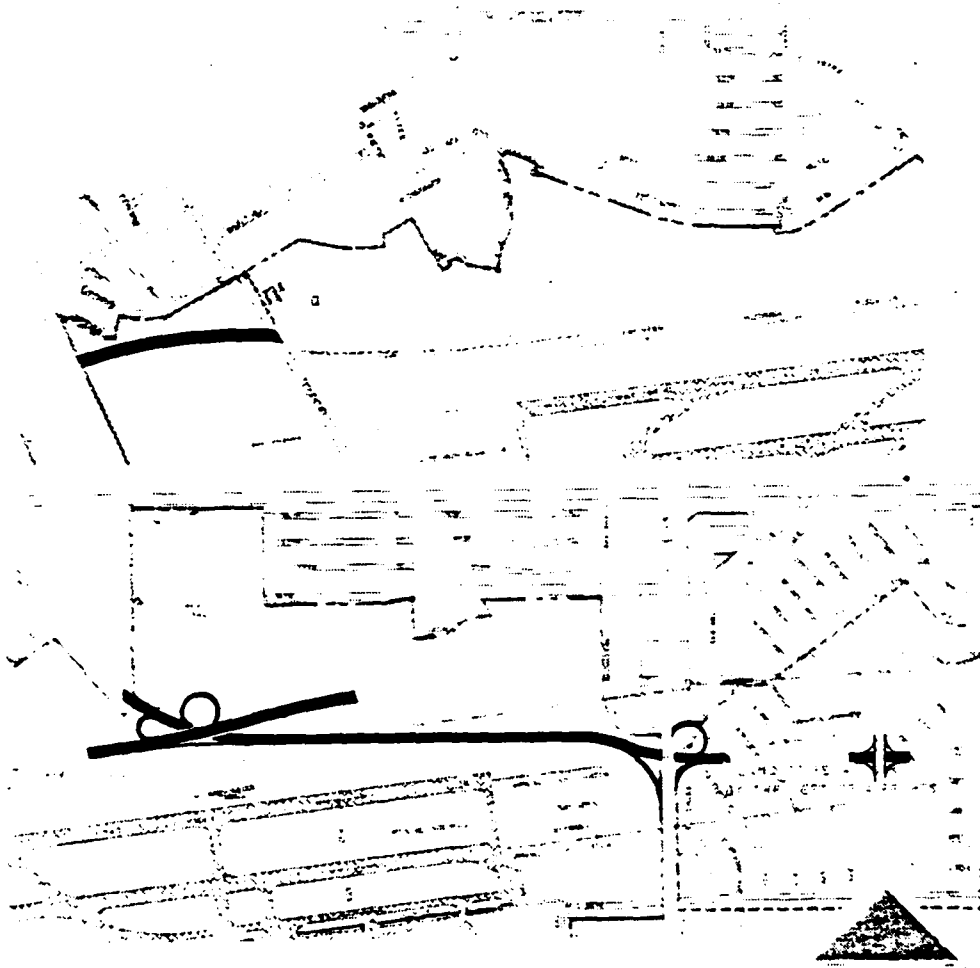
Project Name North Arterial Roadway - Phase III	Project Number	Revision Date 7/1/76
Estimated Date of Award of Contract January 1985	Airport LAX	X
Estimated Date of Completion July 1987	Estimated Project Cost \$26,960,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

Completion of arterial highway including interchanges at Sepulveda and Lincoln, a connection between Pershing and Vista del Mar, and access ramps in the East Westchester transportation center.

To meet 1990 traffic demands and satisfy anticipated tract map requirements.



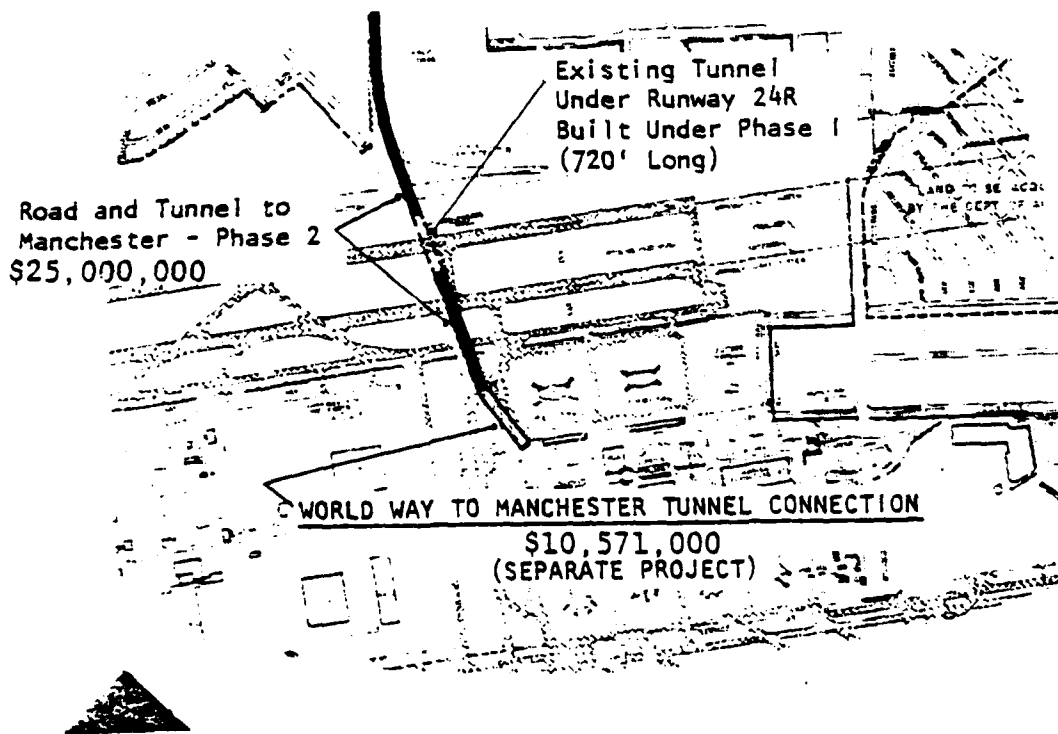
Project Name Road & Tunnel to Manchester - Phase 2	Project Number 57F	Revision Date 7-1-78
Estimated Date of Award of Contract August 1985	Airport LAX	X
Estimated Date of Completion March 1987	Estimated Project Cost \$25,000,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

A two-roadway tunnel (each roadway 55 feet wide), from the existing unfinished tunnel under Runway 24R to the World Way to Manchester Tunnel Connection and a six-lane roadway from the north end of the existing tunnel to Manchester Avenue. Project includes a ventilation building and interior finish for the existing 720-foot segment of tunnel.

To provide an additional vehicular entrance and exit for the passenger terminal area.



Project Name West Imperial Terminal Parking Lot Paving		Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract Phase I - Complete Phase II - 10/78		Airport LAX	P
Estimated Date of Completion Phase I - Complete Phase II - 2/79		Estimated Project Cost See Table Below	

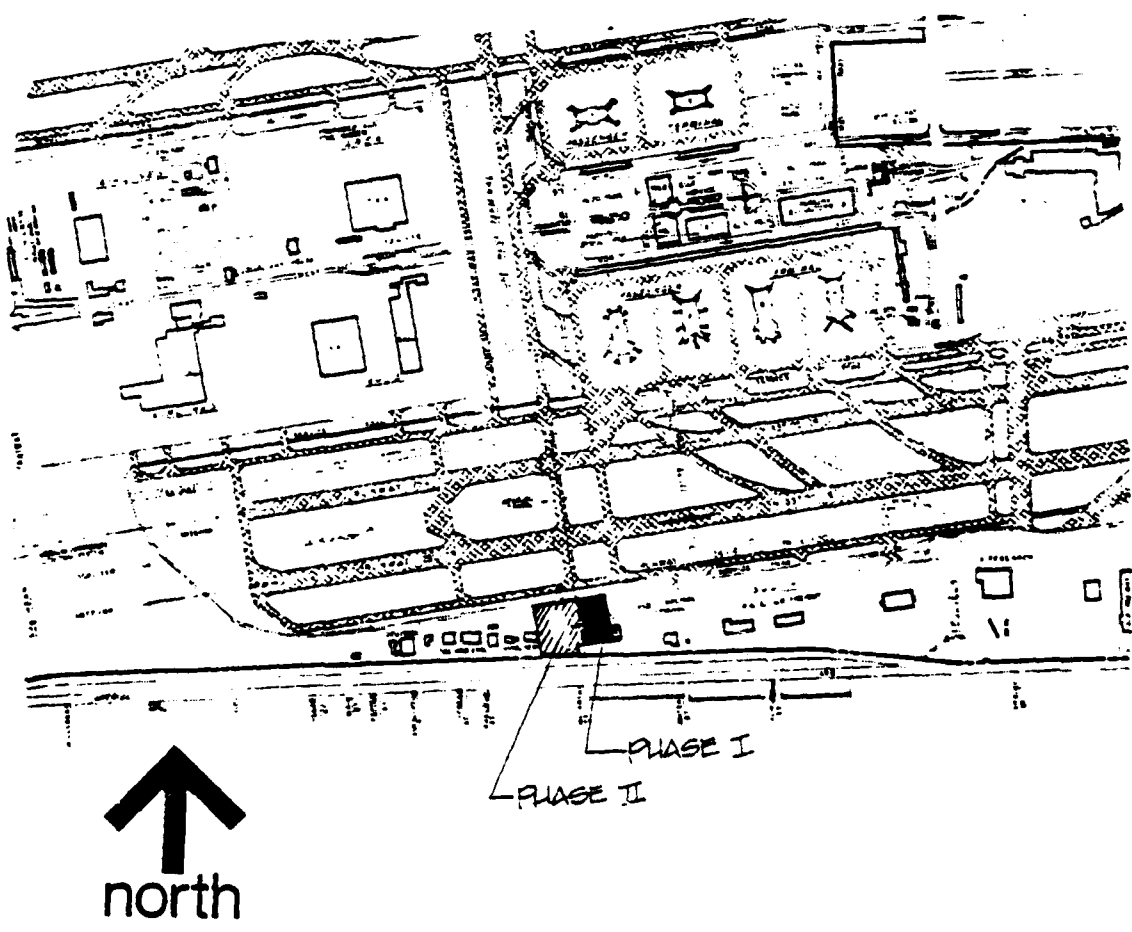
City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The project is needed to meet the demand created by the increase in supplemental carrier operations.

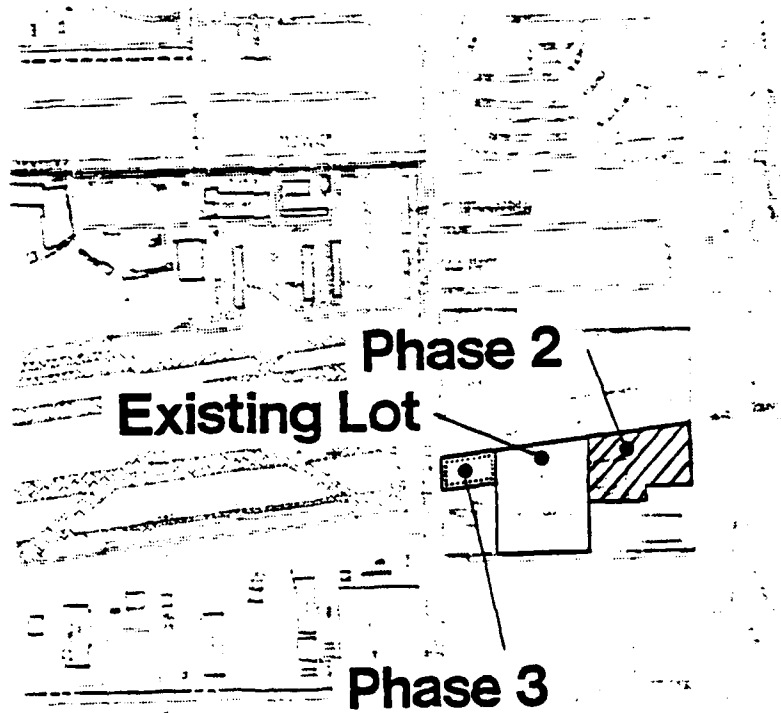
	<u>Additional Spaces</u>	<u>Total Spaces</u>	<u>Estimated Project Cost</u>	<u>Area (Acres)</u>
Existing WIT Lot	---	649	---	5.2
Phase I Addition	220	869	\$ 54,000	1.6
Phase II Addition	438	1,307	\$ 189,000	3.5
Totals			\$ 243,000	10.3

Phase I was done by the Maintenance Bureau.



	<i>Project Purpose and Description</i>		
	<u>Spaces</u>	<u>Estimated Project Cost</u>	<u>Area (Acres)</u>
Existing VSP Lot	3,606	---	26.2
Phase II Addition	2,258	\$556,000	16.5
Phase III Addition	500	200,000	3.0
	<u>6,364</u>	<u>\$756,000</u>	<u>45.7</u>

Increase the parking capacity at LAX to meet future needs. The expanded VSP Lot will operate in conjunction with remote parking in East Westchester to provide a system of peripheral parking that will remove a substantial amount of traffic from the central complex.



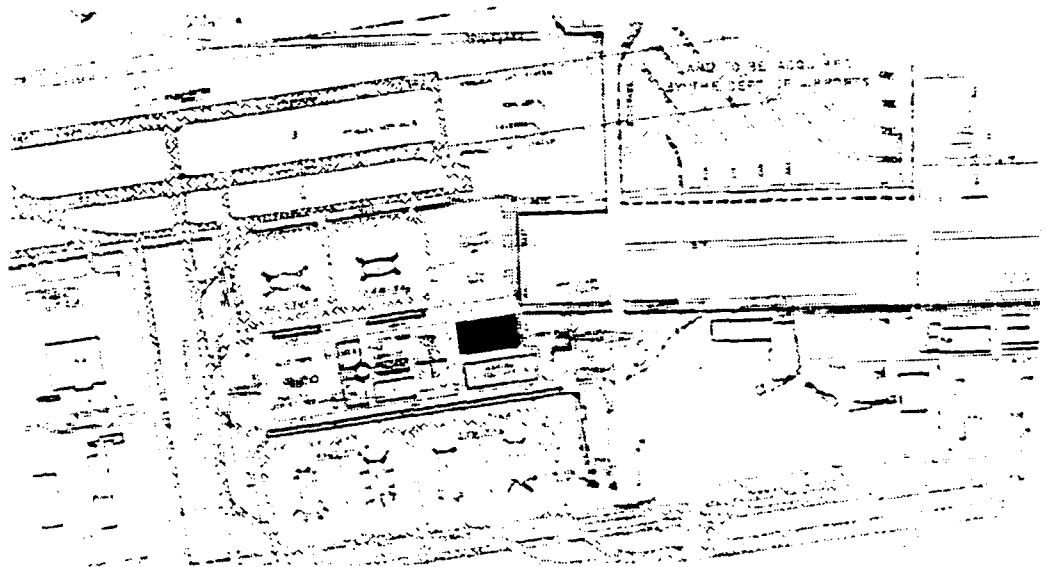
Project Name Parking Structure D	Project Number 102T	Revision Date 1-1-78
Estimated Date of Award of Contract September 1979	Airport LAX	P
Estimated Date of Completion January 1981	Estimated Project Cost \$5,061,000	

City of Los Angeles
Department of Airports
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Facilities Planning

Project Purpose and Description

A 3-level parking structure, approximately 660' long 280' wide, containing 1,500 parking spaces.

To provide additional automobile parking within the central passenger terminal area. Will serve the new Terminal 1.



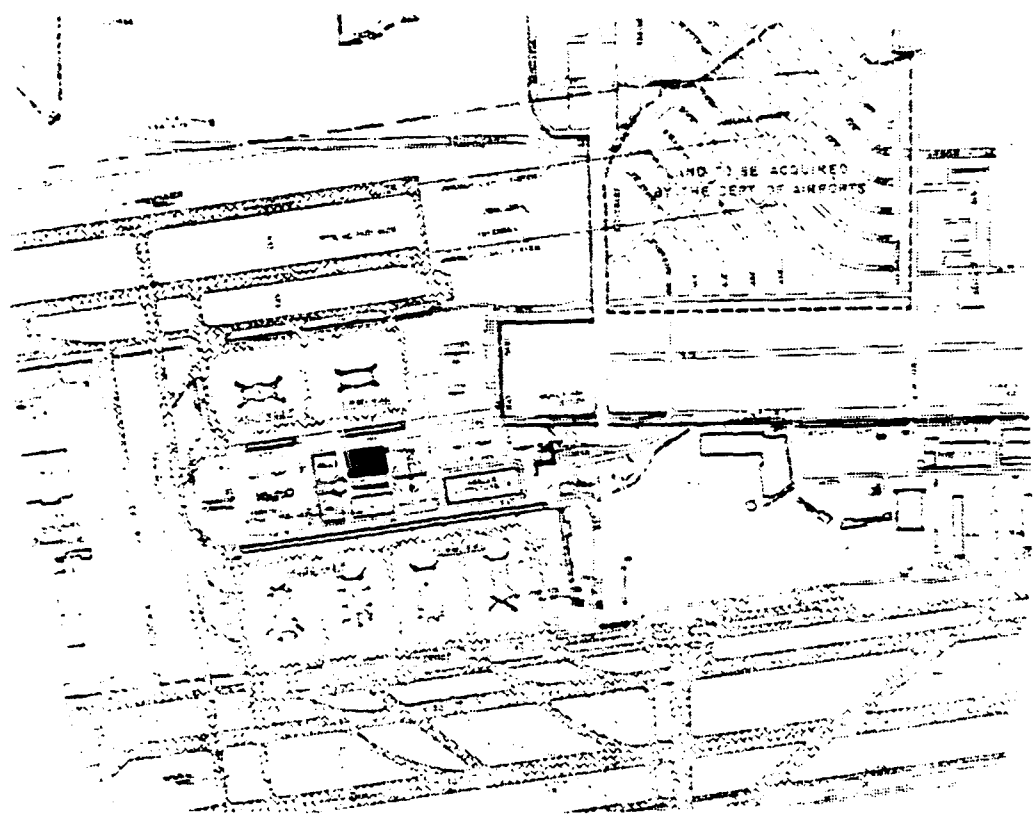
Project Name Parking Structure C	Project Number 59T	Revision Date 1-1-78
Estimated Date of Award of Contract September 1980	Airport LAX	P
Estimated Date of Completion July 1981	Estimated Project Cost \$ 2,902,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

A 3-level parking structure, approximately 395' long x 235' wide, containing 763 car spaces

To provide additional parking for automobiles in the central passenger terminal area.



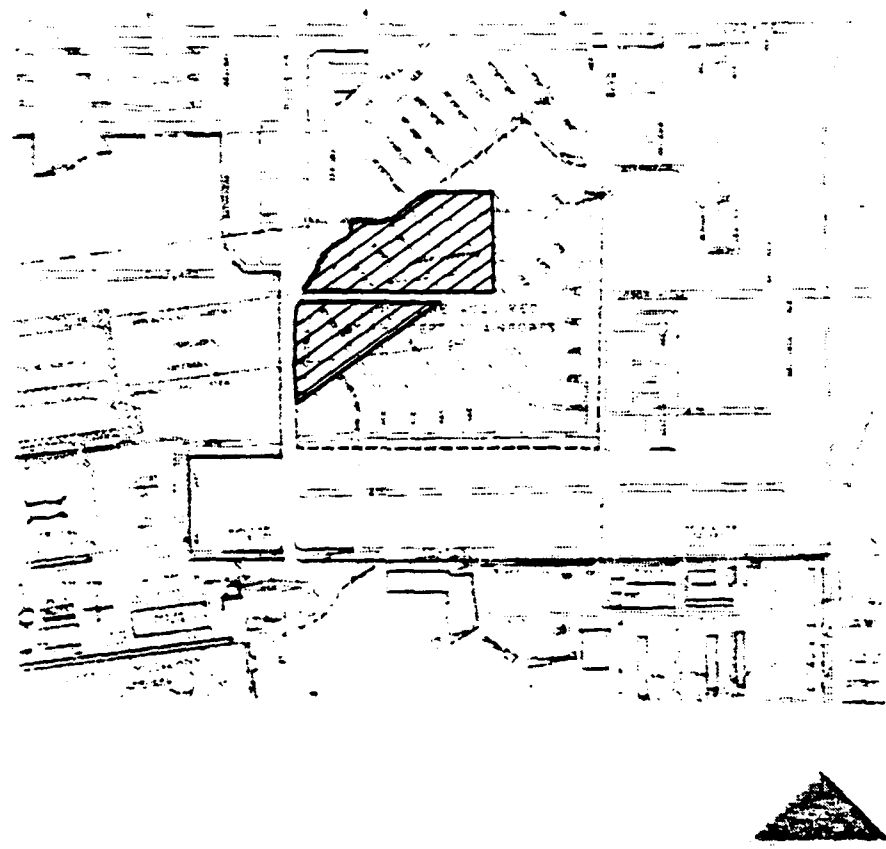
Project Name East Westchester Parking Lot Addition	Project Number	Revision Date 1-1-77
Estimated Date of Award of Contract January 1982	Airport LAX	P
Estimated Date of Completion July 1982	Estimated Project Cost \$3,597,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

This project will provide an additional 5,000 auto parking stalls for public and U-drive parking. It will allow for the relocation of rental car facilities from the central complex.

Completion will increase the parking capacity at LAX to meet future needs.



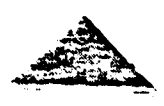
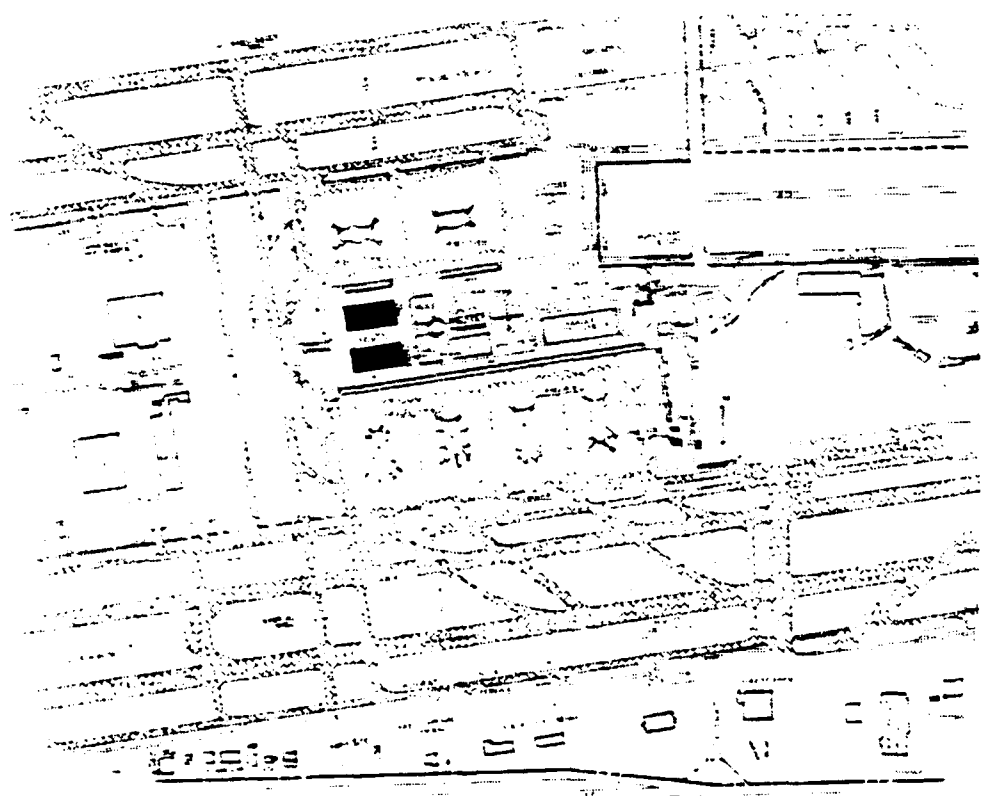
Project Name Parking Structures - Lot 3	Project Number 27T, 92T	Revision Date 1-1-78
Estimated Date of Award of Contract January 1982	Airport LAX	P
Estimated Date of Completion January 1984	Estimated Project Cost \$11,931,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Two three-level parking structures, each 600' long by 240' wide with a capacity of 1,300 parking spaces each. Total capacity 2,600.

To provide additional automobile parking spaces in the central passenger terminal area.

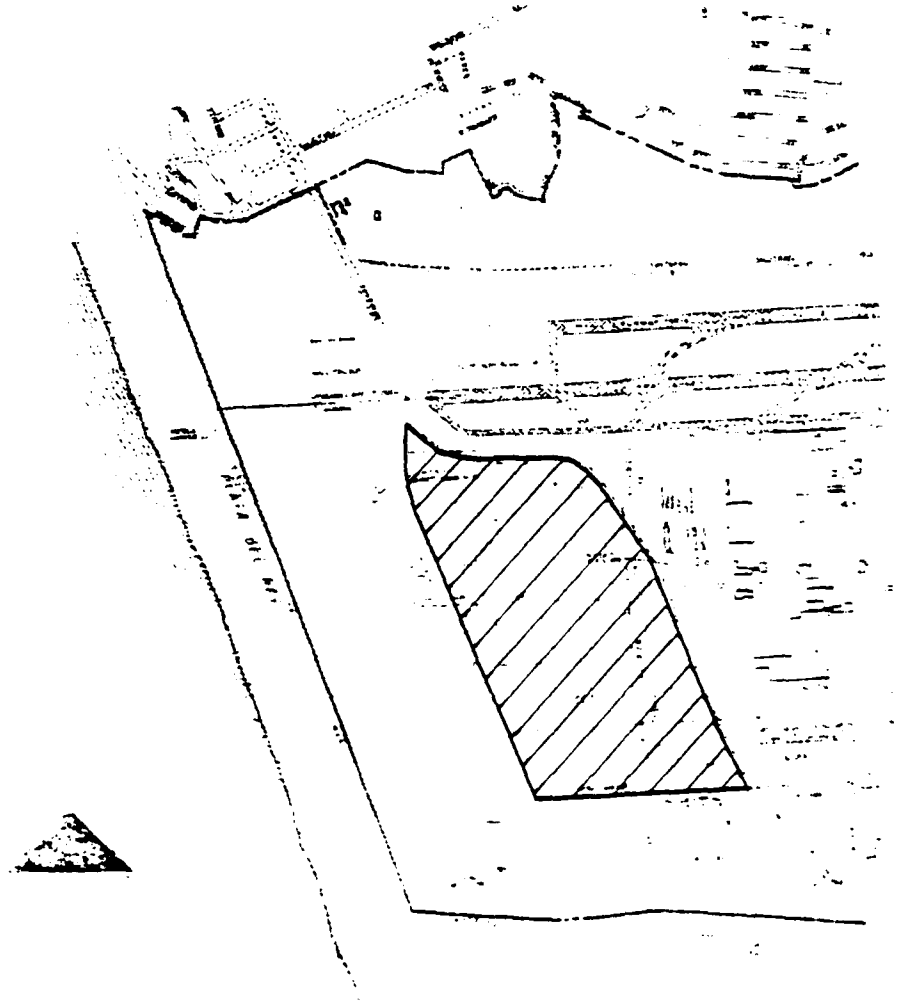


Project Name Tract 24903 - East of Pershing Drive	Project Number	Revision Date 1-1-78
Estimated Date of Award of Contract October 1978	Airport LAX	G
Estimated Date of Completion October 1979	Estimated Project Cost \$600,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The subject area has been restricted in use by City zoning. The area was originally zoned R-1; however, in June, 1970, the City approved changing the zoning to (T)M2. The current classification is zoned tentative light industrial and requires the Department to file a tract map and record the subdivision prior to the issuance of any building permits. The estimated cost includes miscellaneous fees required to file and record the tract map.



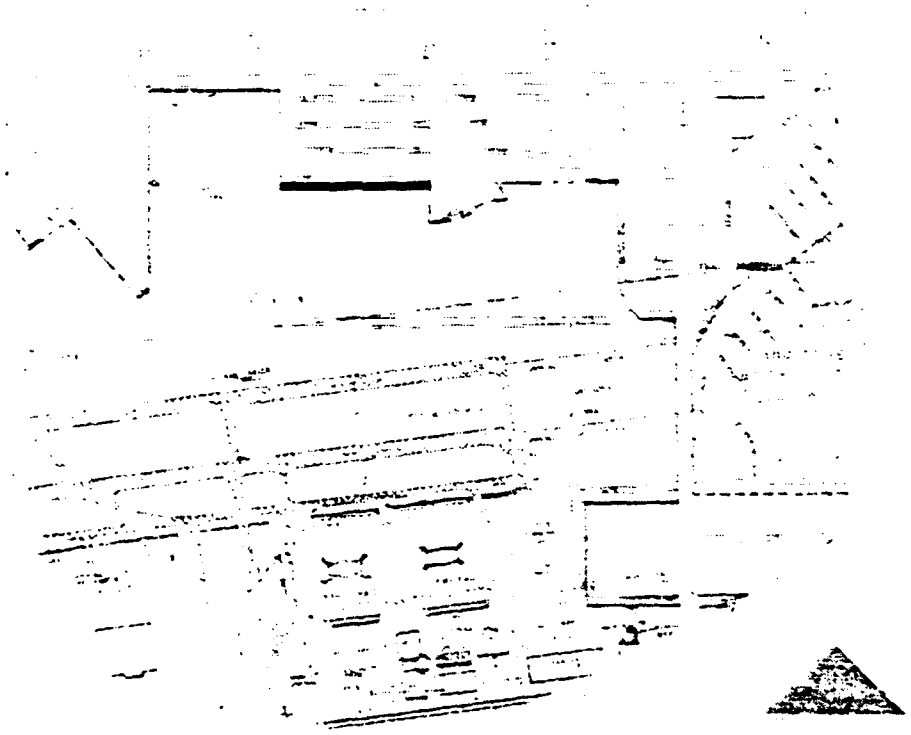
Project Name Landscaping Strip and Noise Barrier - Pilot Project	Project Number	Revision Date 7-1-77
Estimated Date of Award of Contract January 1979	Airport LAX	G
Estimated Date of Completion April 1979	Estimated Project Cost \$400,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

A twenty-foot high noise barrier and fifty foot landscaped area with a fourteen foot maintenance road along the north property line between the golf course and Emerson Avenue.

The purpose of the pilot project is to determine the actual sound reduction characteristics of such a wall. If the program is successful, the barrier will be continued along the entire airport boundary as part of the North Acquisition Area Development project. The maintenance road could be converted into a bicycle path.



<i>Project Name</i> Southside Air Cargo Site Development	<i>Project Number</i> 89C	<i>Revision Date</i> 7-1-78
<i>Estimated Date of Award of Contract</i> January 1979	<i>Airport</i> LAX	G
<i>Estimated Date of Completion</i> July 1981	<i>Estimated Project Cost</i> \$4,500,000	

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Facilities Planning

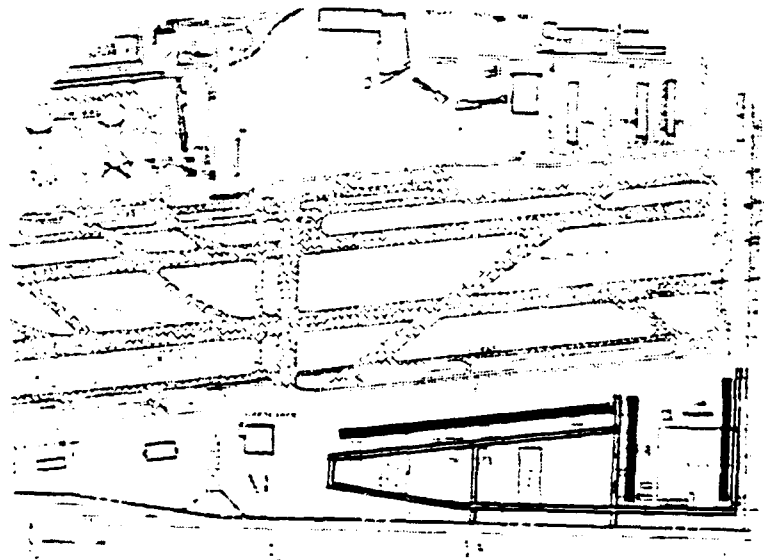
Project Purpose and Description

Site development will include demolition of the existing Rockwell facilities, structures and unusable pavement, grading, utilities, 5,000 LF of 50 FT roadway and construction of a joint use taxiway connecting the Rockwell site to Taxiway F.

The new cargo terminal complex is ultimately planned to provide approximately 836,250 SF of warehouse space, 24 aircraft parking positions, and 2,400 automobile parking stalls. Building construction and lease improvements will be made by the individual leasees.

Airline requests for the space that will be available on the southside exceed the supply. The combination of the south side development and existing Cargo City are projected to be able to process over 2.8 million tons of cargo a year. This will meet the projected cargo demand through 1987. The phased development will require the following yearly expenditure of funds:

Fiscal Year:	78-79	79-80	80-81
	\$1,000,000	\$3,050,000	\$450,000



Project Name La Cienega Building Electrical Improvements	Project Number 166	Revision Date 1-1-78
Estimated Date of Award of Contract May 1979	Airport LAX	G
Estimated Date of Completion September 1979	Estimated Project Cost \$161,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The purpose of the project is to reduce fire hazards in the 47,356 square foot La Cienega (and 111th Street) Building, to bring the electrical circuits up to Los Angeles City Electrical Code and to replace old or obsolete equipment. The project will include the following:

1. Replace the old unapproved main switchboards for both 480 volts, 3 phase electrical services and for six subswitchboards with new approved switchboards.
2. Provide adequate and approved support for existing light fixtures.
3. Provide additional emergency lighting and adequate support for existing.
4. Provide internally illuminated exit signs.
5. Provide platforms for access to transformers, air conditioners and other electrical equipment above the office area ceilings.
6. Replace extension cords and plastic floor pancake extensions with approved receptacles.
7. Repair air conditioning equipment.
8. Update panel directories.



Project Name Nike Site Land Development	Project Number	Revision Date 7-1-77
Estimated Date of Award of Contract June 1979	Airport LAX	G
Estimated Date of Completion June 1981	Estimated Project Cost \$2,058,000	

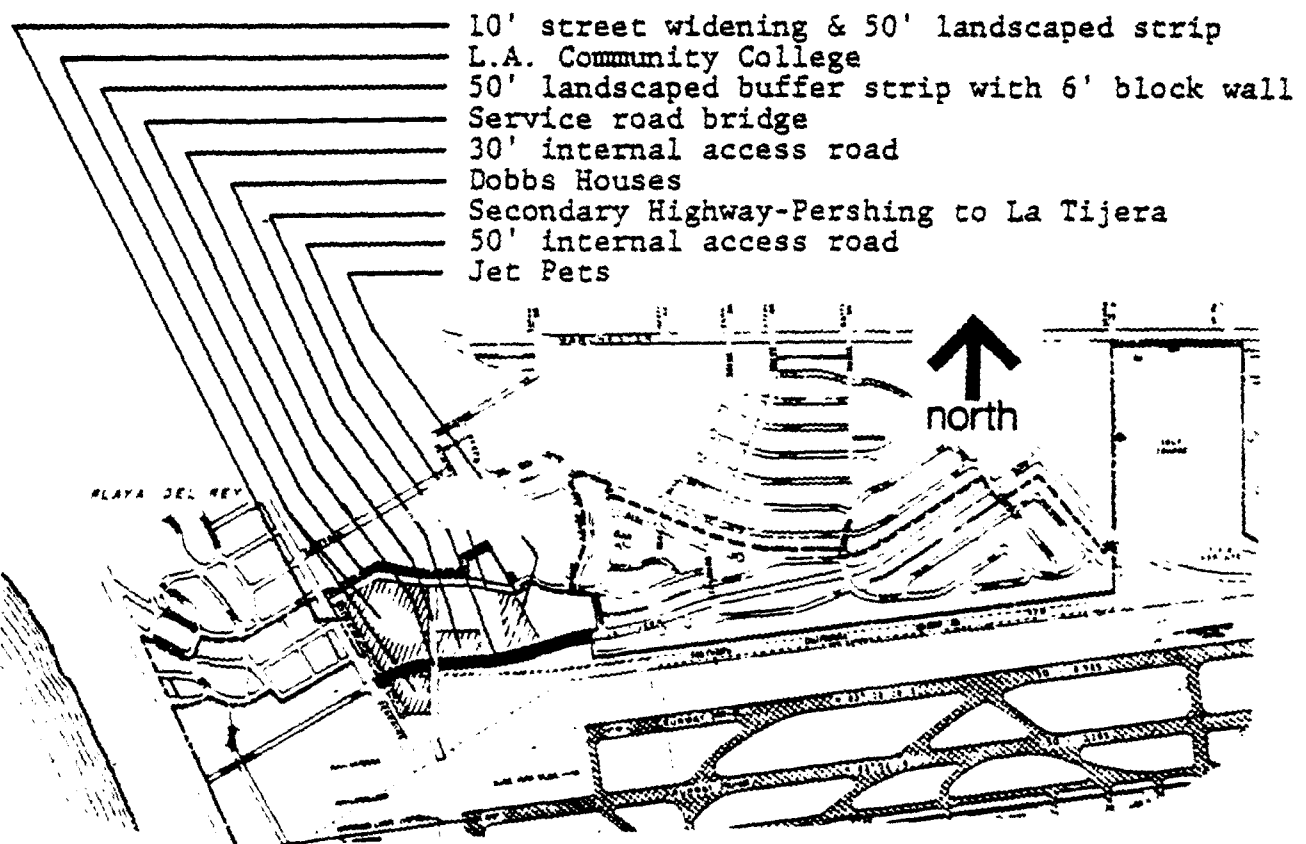
City of Los Angeles
Department of Airports
Office of
Facilities Planning

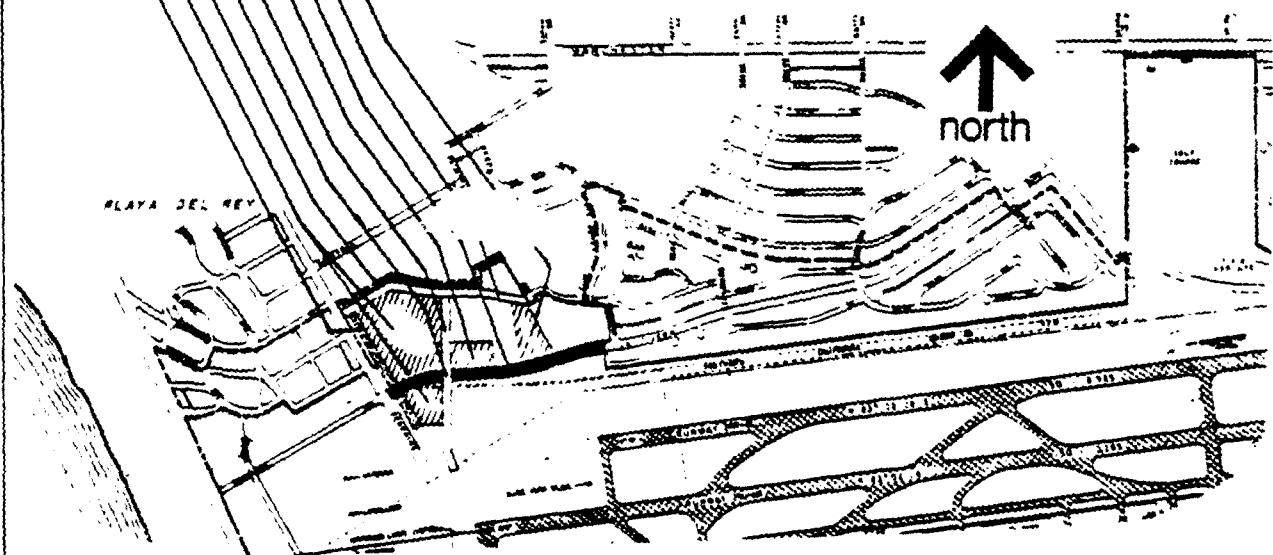
Project Purpose and Description

The project will fulfill the requirements that the Department anticipates to be imposed by the City of Los Angeles as part of Conditional Use process and internal site improvements to allow development of an approximately 43-acre site for use by L.A. Community College, Jet Pets and Dobbs Houses.

Site and boundary improvements for former Nike Site parcel and adjacent areas. Improvements include:

1. Secondary highway between La Tijera and Pershing Drive on proposed North Arterial Highway alignment.
2. Landscaped buffer strip and six-foot block wall along north property line between Pershing Drive and Falmouth.
3. Widen east half of Pershing Drive to major highway standards between Waterview St. and Sterry St.
4. Landscaped buffer strip 50' wide on east side of Pershing Drive between Waterview St. and Sandpiper St.
5. Service Road bridge over secondary highway.
6. Internal access roads.

- 
- 10' street widening & 50' landscaped strip
 - L.A. Community College
 - 50' landscaped buffer strip with 6' block wall
 - Service road bridge
 - 30' internal access road
 - Dobbs Houses
 - Secondary Highway-Pershing to La Tijera
 - 50' internal access road
 - Jet Pets



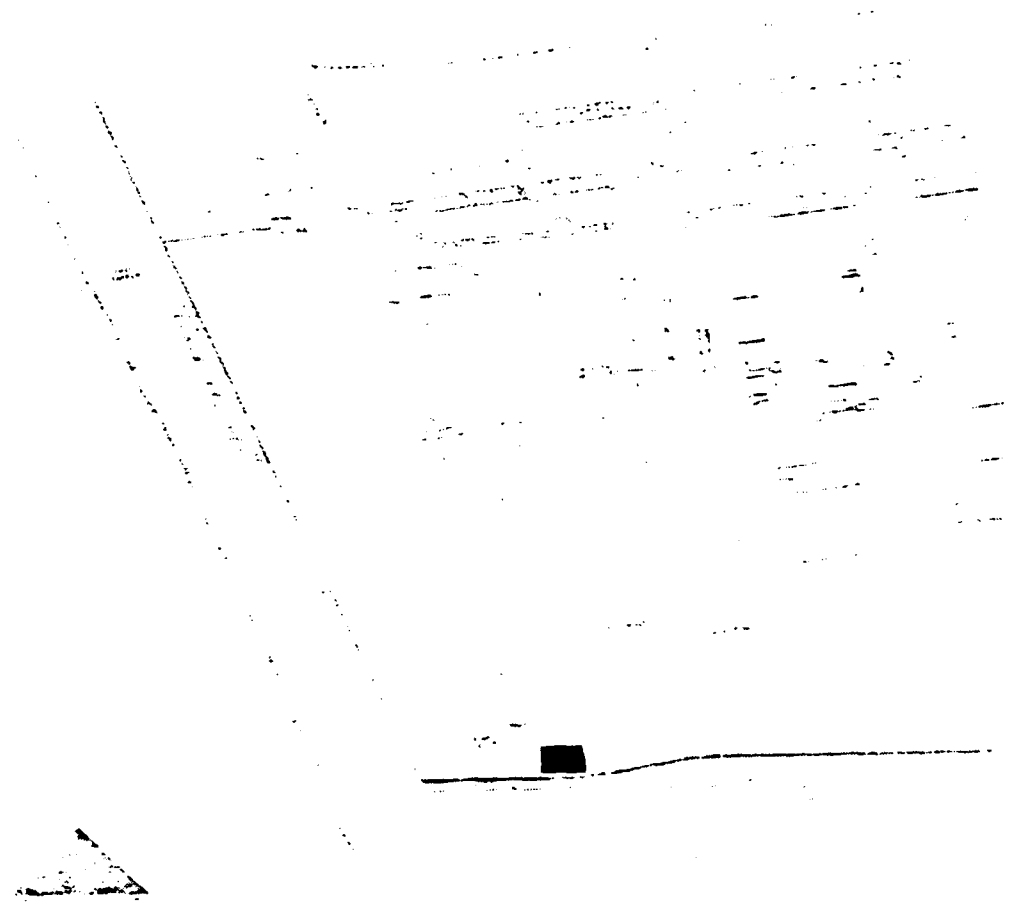
Project Name Waste Water Treatment Plant	Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract August 1979	Airport LAX	G
Estimated Date of Completion June 1980	Estimated Project Cost \$1,200,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

A 347 gallon per minute dry weather flow waste water treatment plant to be located near the intersection of Pershing Drive and Imperial Highway. The plant will treat essentially all of the Airport dry weather flow west of Sepulveda Boulevard.

To meet the standards of the State's Water Quality Act of 1970 and to alleviate any possibility of Airport industrial wastes polluting the beach and ocean.



Project Name Tract 24851 (East Westchester) Fees & Misc.	Project Number 127F	Revision Date 7-1-78
Estimated Date of Award of Contract October 1979	Airport LAX	G
Estimated Date of Completion April 1981	Estimated Project Cost \$1,540,000	

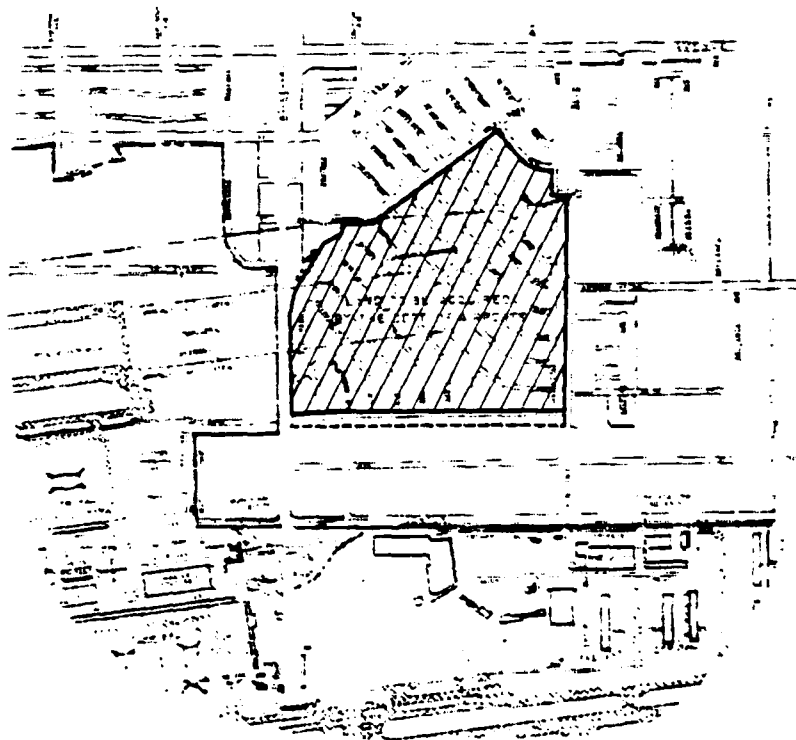
City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Includes miscellaneous street improvements to Sepulveda Boulevard and Will Rogers. Also includes consideration of utility relocations, fire hydrants and mains, boundary survey, title search and tract fees.

1. To fulfill the requirements of the tract map. The tract map must be filed in order to develop the land.
2. To provide better traffic flow in and around the airport and for our future development in East Westchester.

The above cost was based on improvements as suggested by the City Department of Traffic.



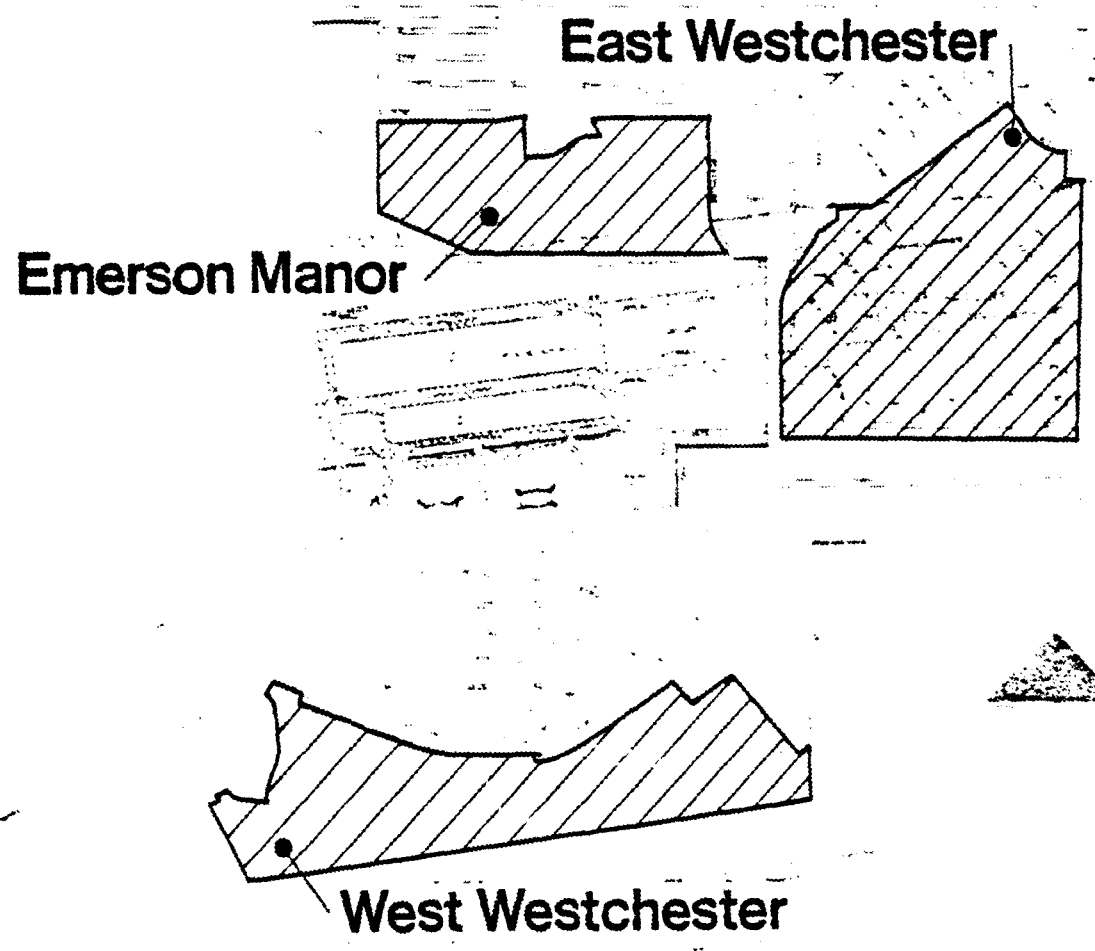
Project Name North Acquisition Area Development	Project Number	Revision Date 7-1-77
Estimated Date of Award of Contract January 1980	Airport LAX	G
Estimated Date of Completion July 1983	Estimated Project Cost \$ 37,056,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Project consists of complete site development of West Westchester, Emerson Manor, and East Westchester acquisition areas. Improvements include grading, utilities, sewers, storm drains, internal roadways, connections to the airport, and landscaped buffer strip, bikeway and sound wall along the north boundary.

This provides site improvements and access in the 383 acres included in the north acquisition areas for industrial, commercial and airport-related uses, and to satisfy anticipated tract map requirements.



<i>Project Name</i> Screen Wall-Imperial Highway at Air Freight No. 4	<i>Project Number</i>	<i>Revision Date</i> 7-1-78
<i>Estimated Date of Award of Contract</i> January 1980	<i>Airport</i> LAX	G
<i>Estimated Date of Completion</i> April 1980	<i>Estimated Project Cost</i> \$143,000	

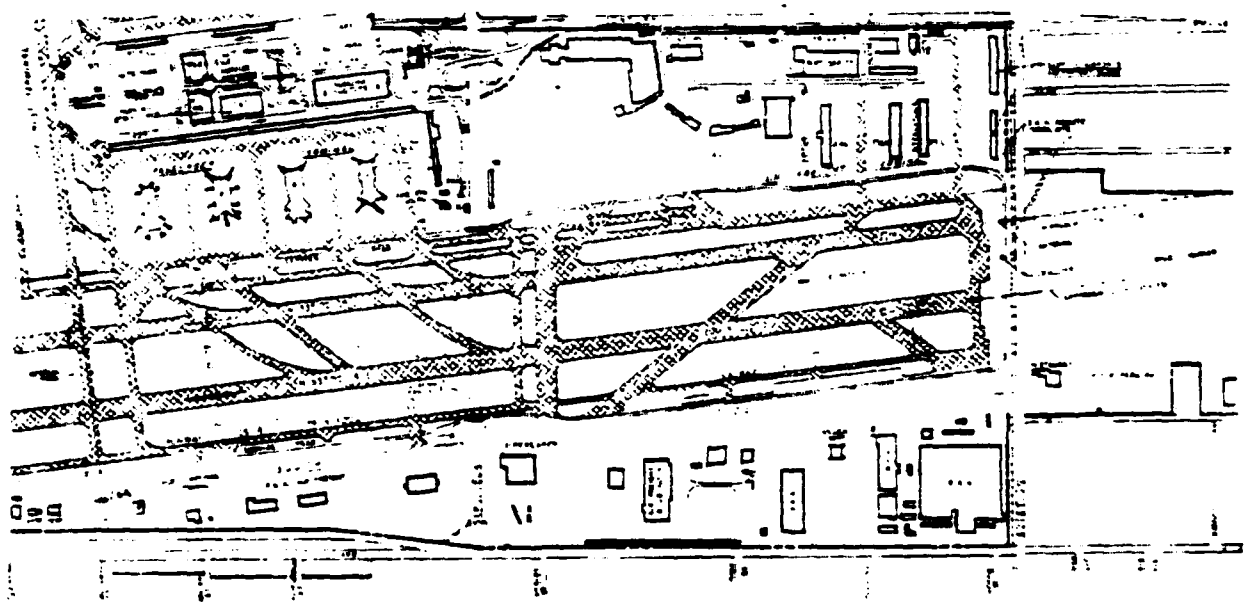
City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

The project will improve the appearance of Airport property along Imperial Highway in the vicinity of Air Freight No. 4.

Construction will include:

- a) 1600' - 6' high block wall.
- b) 1600' - 6' wide side between the existing sidewalk and curb.
- c) 20' wide irrigated landscaped area between the wall and the existing sidewalk.



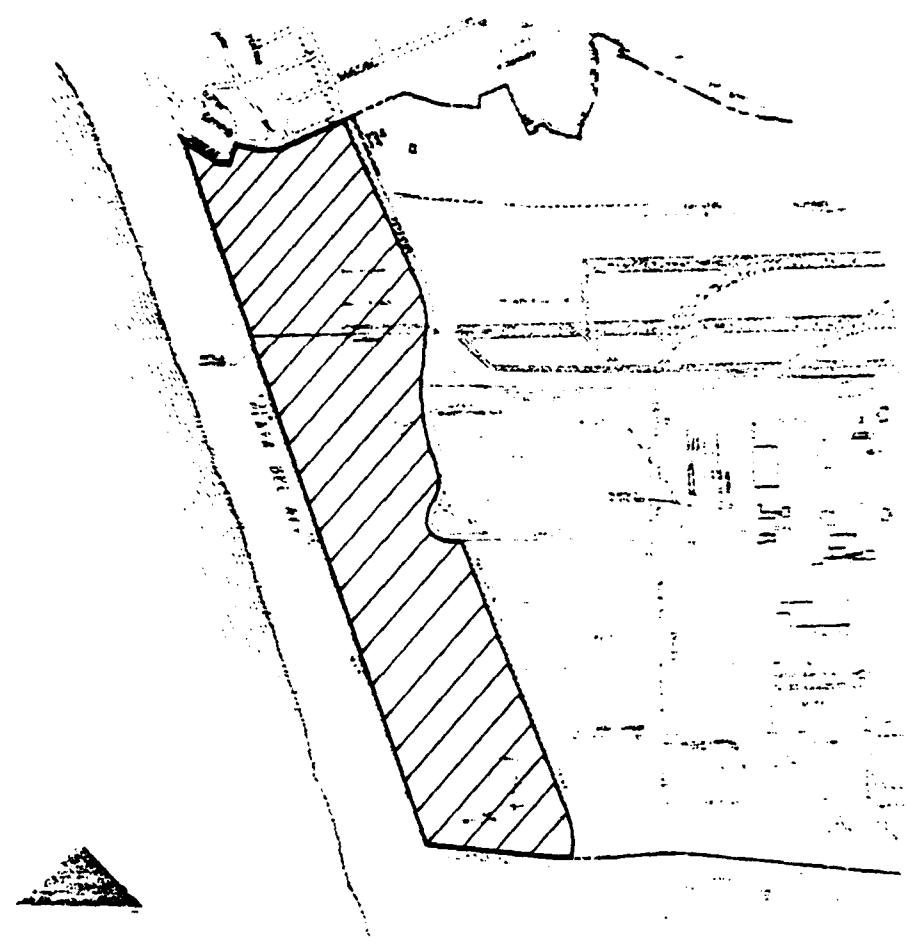
Project Name Tract 25681 (Playa del Rey) Improvements	Project Number 128F; 40F; 730F	Revision Date 1-1-78
Estimated Date of Award of Contract October 1980	Airport LAX	G
Estimated Date of Completion July 1981	Estimated Project Cost \$5,470,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The project is necessary to comply with requirements set by the Planning Department and the Department of Public Works for the vacation of various streets in the Playa del Rey area.

The project cost includes the widening of Imperial Highway and Vista del Mar and the extension of World Way West to Vista del Mar.



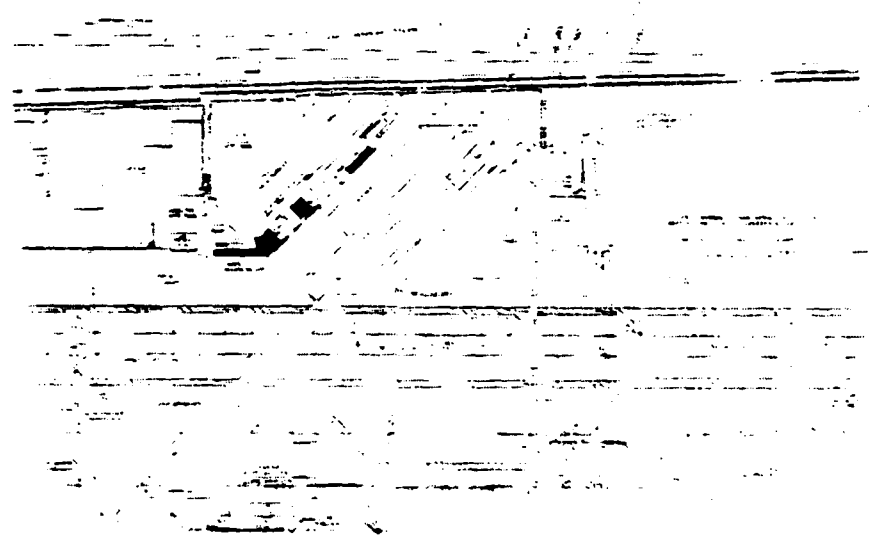
Project Name Passenger Terminal Addition		Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract July 1977		Airport ONT	T
Estimated Date of Completion August 1978	Estimated Project Cost \$1,387,000		

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The project is necessary to relieve congestion in the terminal area and to provide for expansion prior to the time when the new terminal facilities can be constructed.

The addition will add approximately 10,000 square feet to the existing terminal building and new ceiling, carpeting, reconstruction of restroom in existing terminal plus extension and security screening of existing concourse.



Project Name

Parking Lot Remodeling

Project Number

7-1-78

Estimated Date of Award of Contract
July 1978

Airport

ONT

Estimated Date of Completion
March 1979

Estimated Project Cost
\$236,000

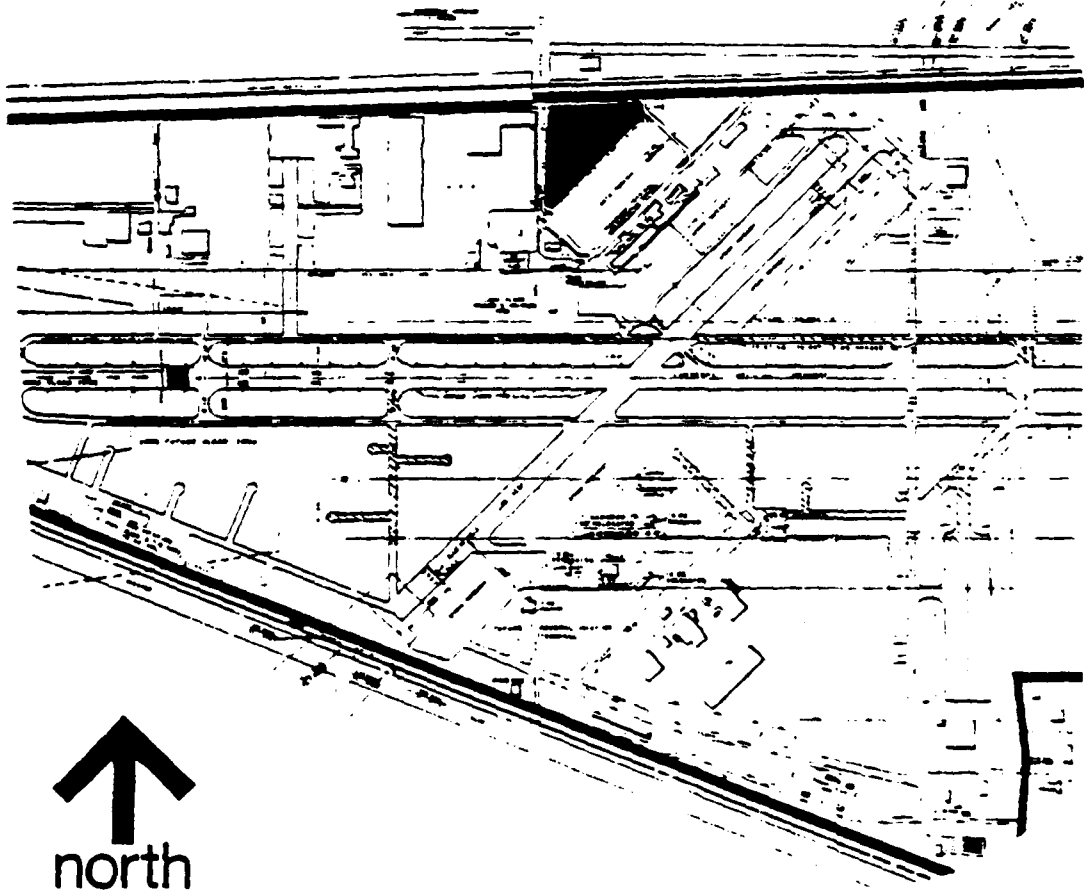
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City of Los Angeles
Department of Airports
Office of
Facilities Planning


Project Purpose and Description

The project is necessary to meet peak parking demands. Construction will include the rehabilitation and renovation of the former Lockheed parking lot and portions of the existing parking lot.

	<u>Additional Spaces</u>	<u>Total Spaces</u>	<u>Area (Acres)</u>
Existing Lot	---	1,718	11.5
Parking Lot Remodeling	1,200	2,918	<u>10.0</u> 21.5



↑
north

Project Name Passenger Terminal - Phase I	Project Number 95T, 96R, 97F	Revision Date 7-1-78
Estimated Date of Award of Contract December 1980	Airport ONT	
Estimated Date of Completion June 1982	Estimated Project Cost \$12,760,000	

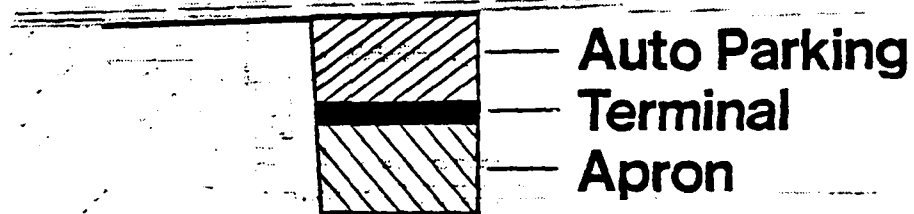
City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Construct terminal, auto parking, and apron north of the airfield and east of the Cucamonga Creek Channel.

100,000 S. F. Terminal
1,500 auto parking spaces
5 aircraft gate positions

Provide terminal area to meet passenger projections for Ontario.



Note: The existing terminal will ultimately be converted to air taxi, supplemental, or air cargo usage.

Project Name Passenger Terminal - Phase II	Project Number 105T 106R 107F	Revision Date 7-1-78
Estimated Date of Award of Contract November 1982	Airport ONT	T
Estimated Date of Completion May 1984	Estimated Project Cost \$14,200,000	

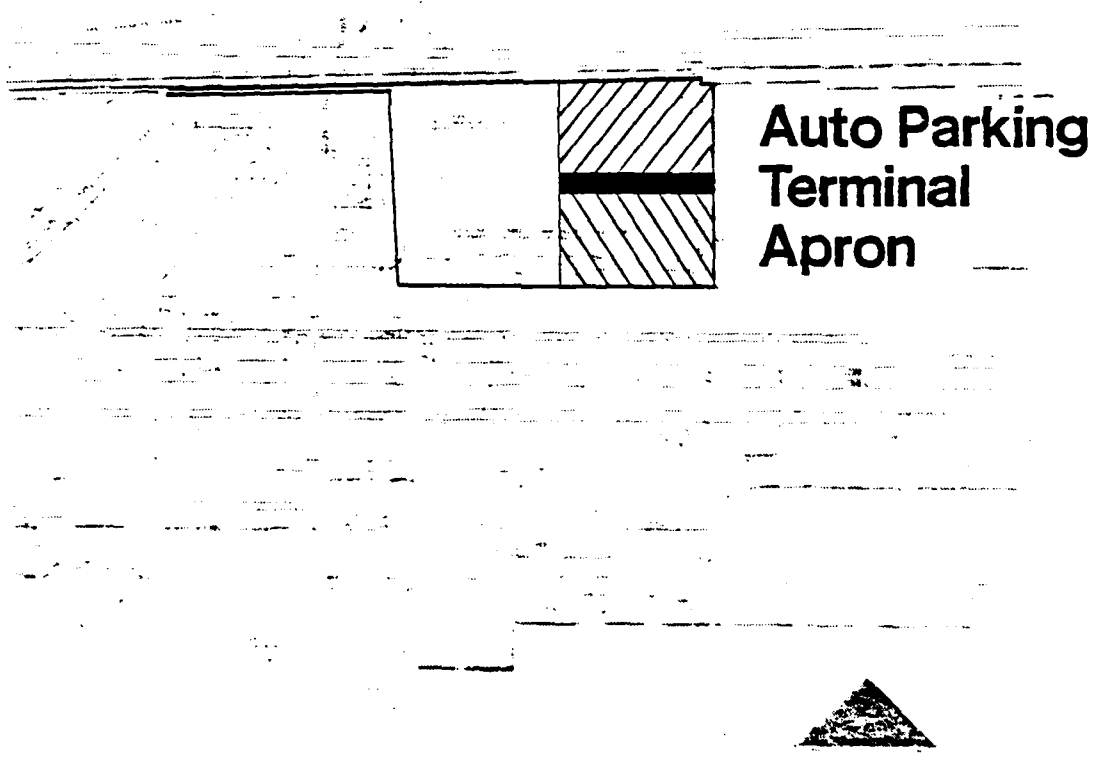
City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Construct terminal, auto parking, and apron north of the airfield and east of the Cucamonga Creek Channel.

- 100,000 S. F. Terminal
- 1,500 auto parking spaces
- 5 aircraft gate positions

Provide terminal area to meet passenger projections for Ontario.



Project Name

Passenger Terminal - Phase III

Project Number
1051, 106R
107F

Revision Date
7-1-78

Estimated Date of Award of Contract
July 1985

Airport
ONT

Estimated Date of Completion
July 1987

Estimated Project Cost
\$38,000,000

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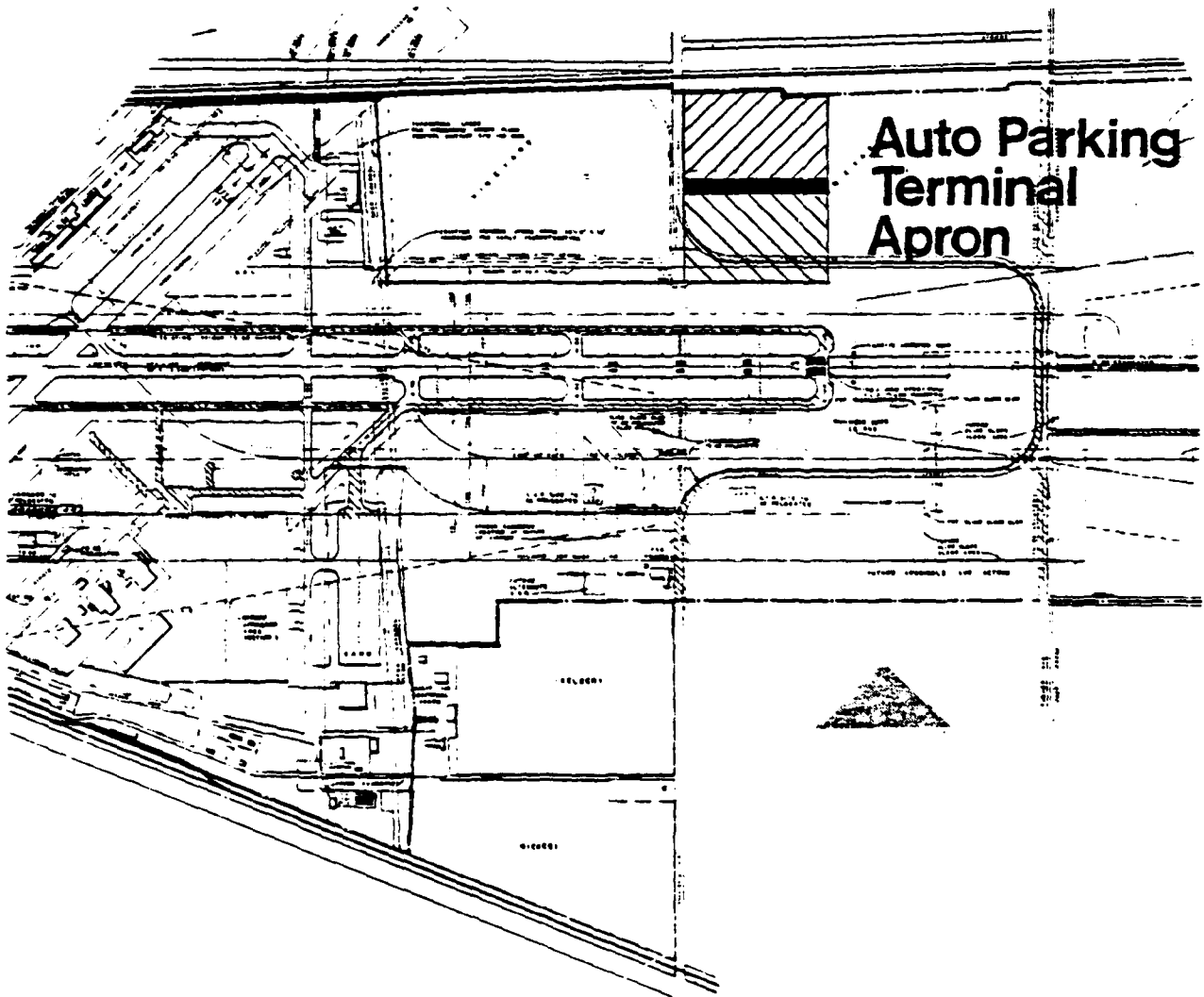
City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Construct terminal, auto parking, and apron north of the airfield and east of the Cucamonga Creek Channel.

- 100,000 S.F. Terminal
- 1,500 auto parking spaces
- 5 aircraft gate positions

Provide terminal area to meet passenger projections for Ontario.



Project Name Runway 25L & Connecting Taxiways	Project Number 65R, 81R	Revision Date 7-1-78
Estimated Date of Award of Contract January 1979	Airport ONT	A
Estimated Date of Completion September 1980	Estimated Project Cost \$11,190,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

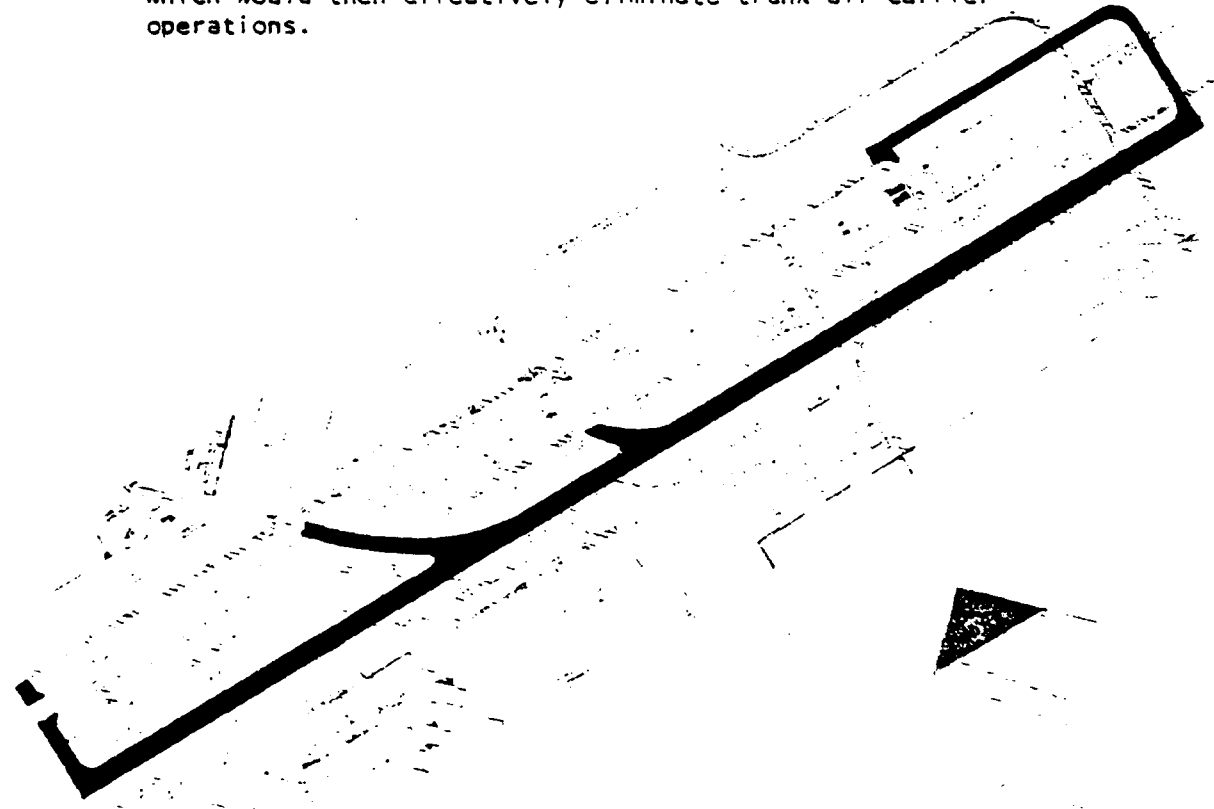
Project Purpose and Description

Construct a runway 700' s/o the existing runway. Also construct two hi-speed exit taxiways. The east end of the runway will be 2,200' east of the east end of the existing runway.

The runway will be 10,200' x 150' and will have center-line and touchdown zone lights.

Project cost includes \$1,320,000 for improvement of the Cucamonga Channel which may be constructed by U. S. Army Corps of Engineers or eligible for 100% reimbursement from the Corps of Engineers.

To provide the airport with a new runway so that the present runway can be maintained or reconstructed. The present runway cannot be reconstructed, or maintained indefinitely, without shutting down existing Runway 25 which would then effectively eliminate trunk air carrier operations.



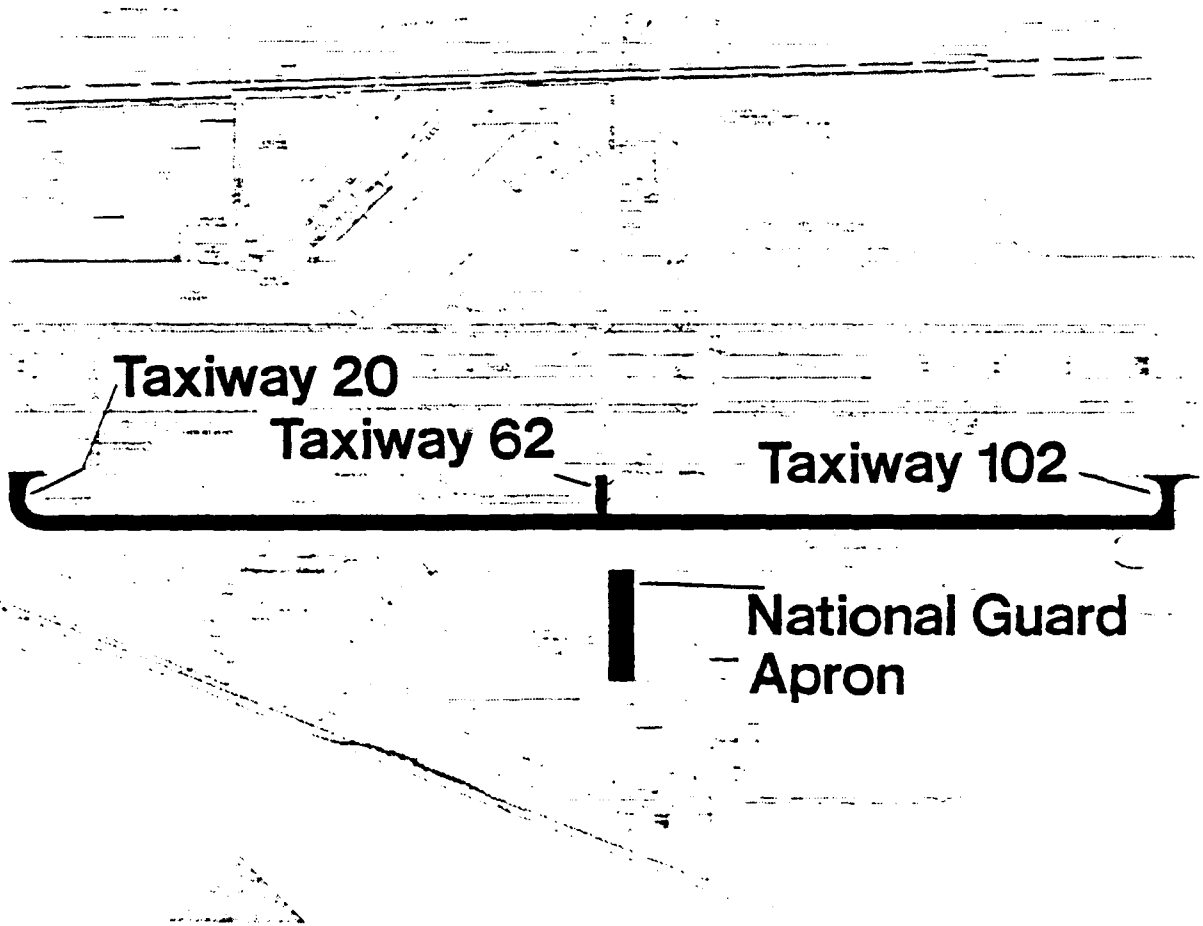
Project Name Taxiway S	Project Number 151R	Revision Date 7-1-78
Estimated Date of Award of Contract October 1980	Airport ONT	A
Estimated Date of Completion October 1981	Estimated Project Cost \$3,282,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Construct a taxiway 400' south of future Runway 25L. The taxiway will be 8,200' x 75' constructed with AC pavement.

To provide a taxiway for the south side of the airfield and to also provide additional airfield flexibility.



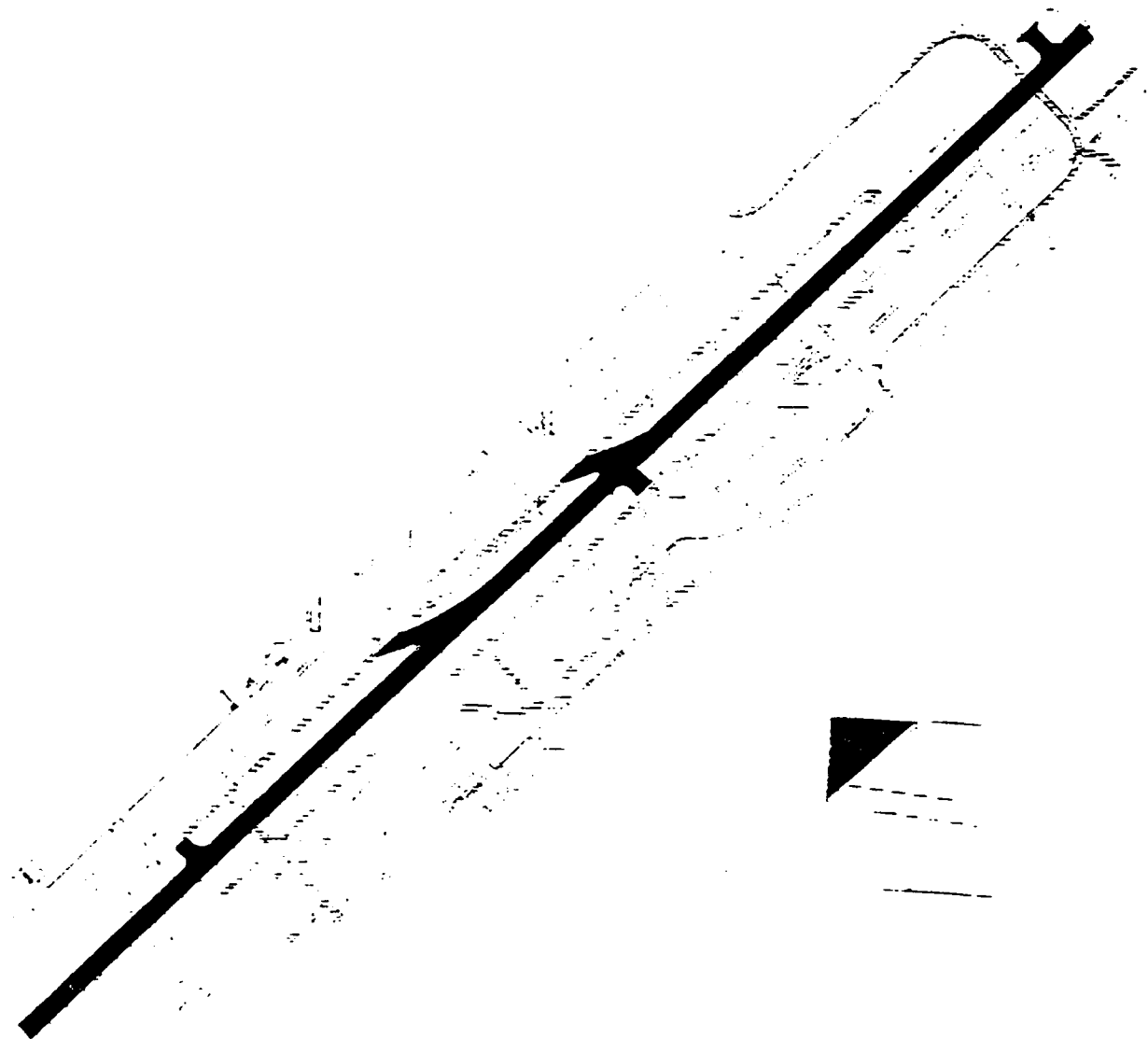
Project Name Runway 25R Extension and Strengthening	Project Number 64R, 80R	Revision Date 7-1-78
Estimated Date of Award of Contract April 1982	Airport ONT	A
Estimated Date of Completion April 1983	Estimated Project Cost \$4,579,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Strengthen the existing Runway 25 and extend the runway 2,200' easterly. The runway will be 12,200' x 150'.

This runway will be needed to provide additional airfield flexibility.



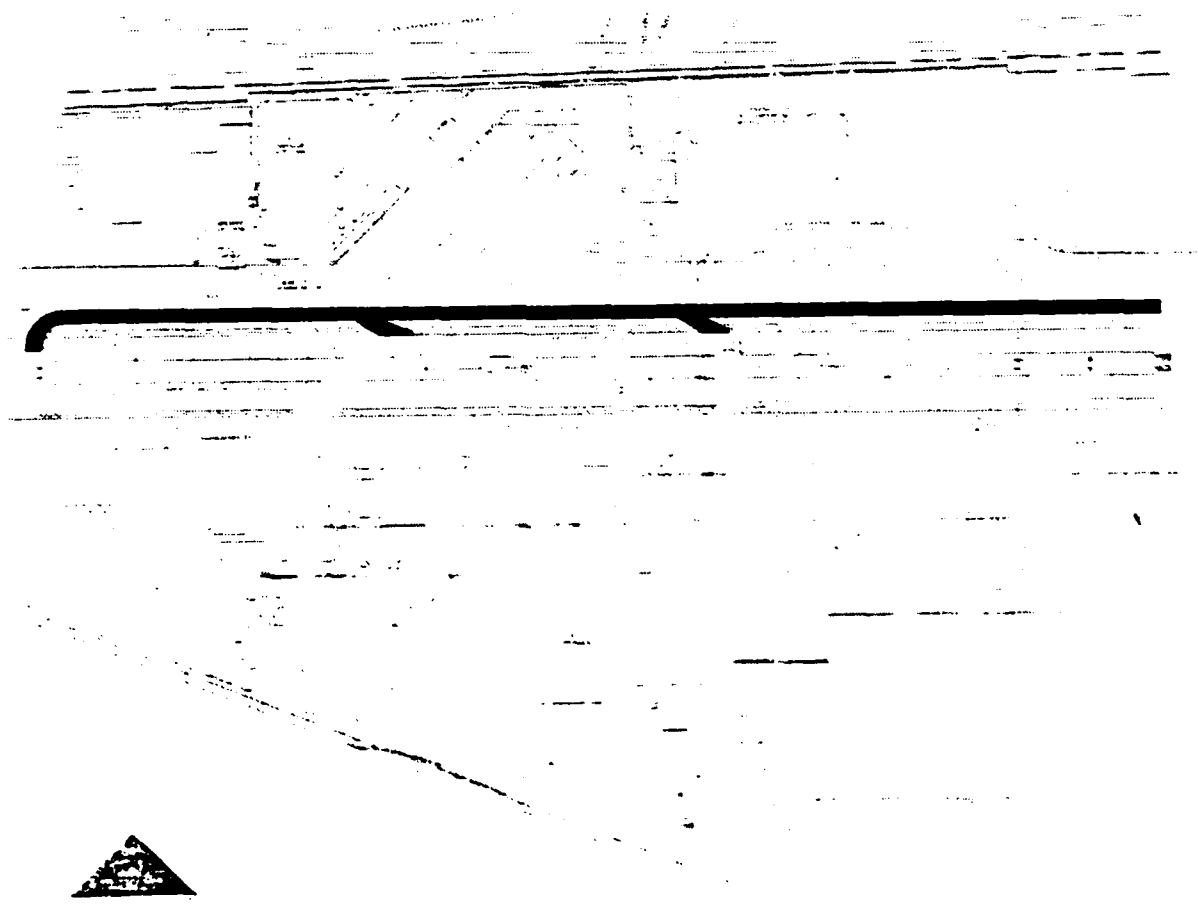
Project Name Taxiway N		Project Number 64R	Revision Date 7-1-78
Estimated Date of Award of Contract June 1983		Airport ONT	A
Estimated Date of Completion June 1984		Estimated Project Cost \$4,702,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Construct Taxiway N 400' north of Runway 25R (existing Taxiway N is 275' north of Runway 25R). This taxiway construction will be 8,000' x 100' and will be PCC pavement.

Taxiway N will be relocated from 275' north of the runway to 400' north of the runway to provide adequate clearance between the runway and taxiway.



Project Name Taxiway E Reconstruction	Project Number 31R	Revision Date 1-1-78
Estimated Date of Award of Contract January 1980	Airport VNY	A
Estimated Date of Completion June 1980	Estimated Project Cost \$1,495,000	

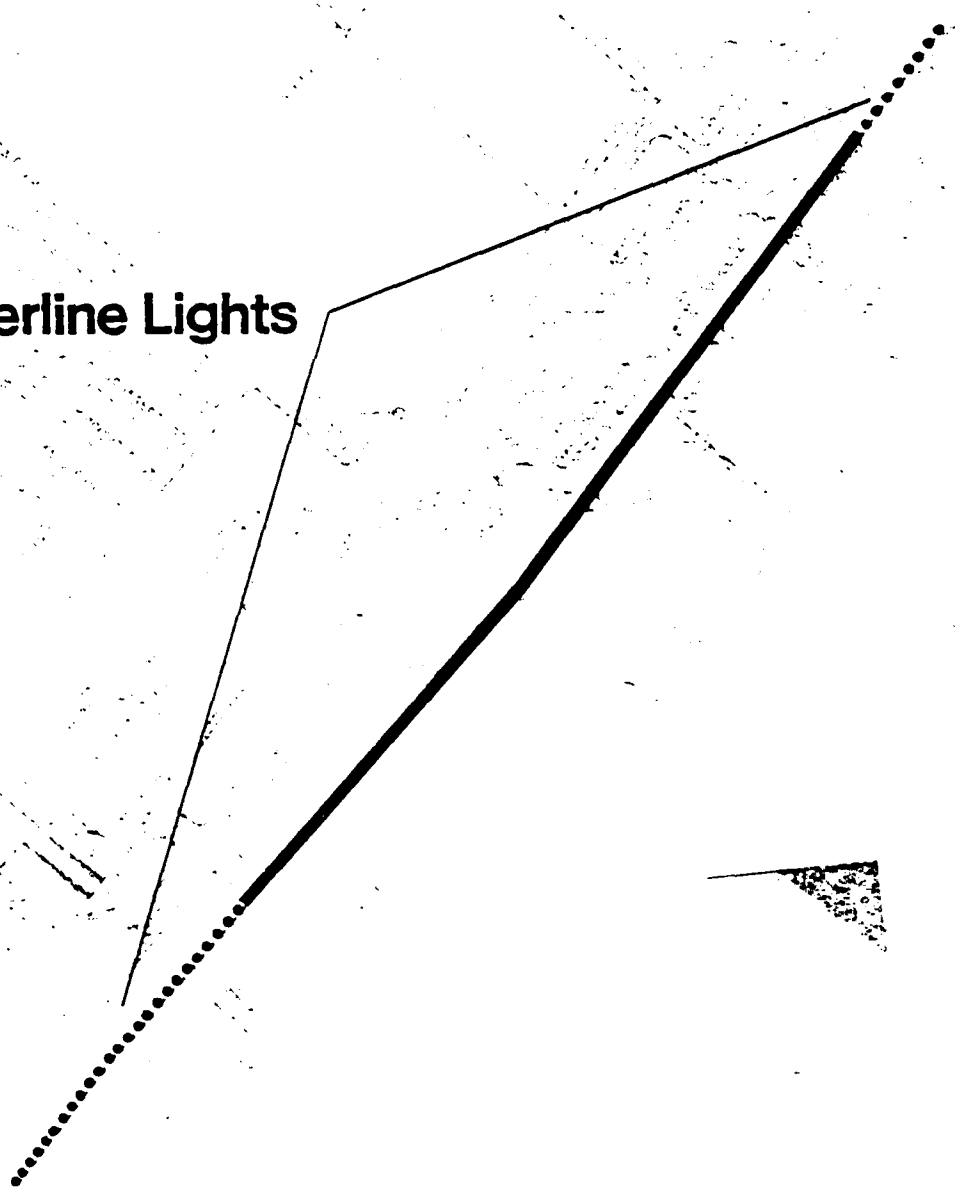
City of Los Angeles
Department of Airports
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Facilities Planning

Project Purpose and Description

Reconstruct Asphalt Pavement 50' wide. Install centerline lights. Future alignment not yet determined

Taxiway requires excessive maintenance. Planes are heavier than existing pavement was designed to support

Centerline Lights



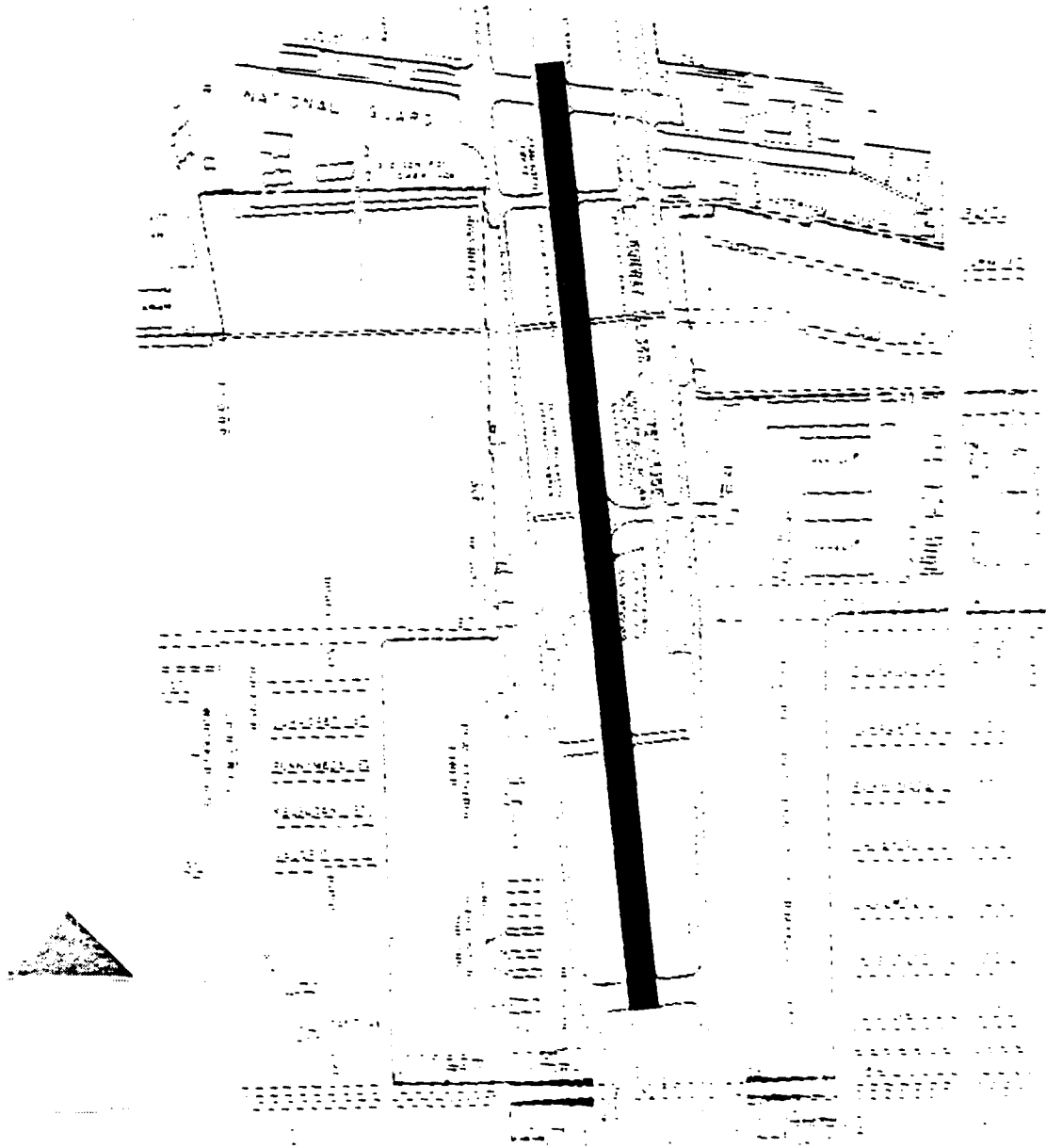
Project Name Runway 16R-34L PCC Overlay	Project Number 79R	Revision Date 1-1-78
Estimated Date of Award of Contract June 1980	Airport VNY	A
Estimated Date of Completion October 1980	Estimated Project Cost \$2,282,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

5,000 lineal feet of 10 inch PCC Overlay and AC transition section for Runway 16R-34L.

Strengthening of the runway as required to facilitate increased use by heavier aircraft.



Project Name Sophia Avenue and Valjean Avenue Street Improvements		Project Number x34	Revision Date 7-1-78
Estimated Date of Award of Contract April 1978		Airport VNY	
Estimated Date of Completion August 1978		Estimated Project Cost \$113,000	

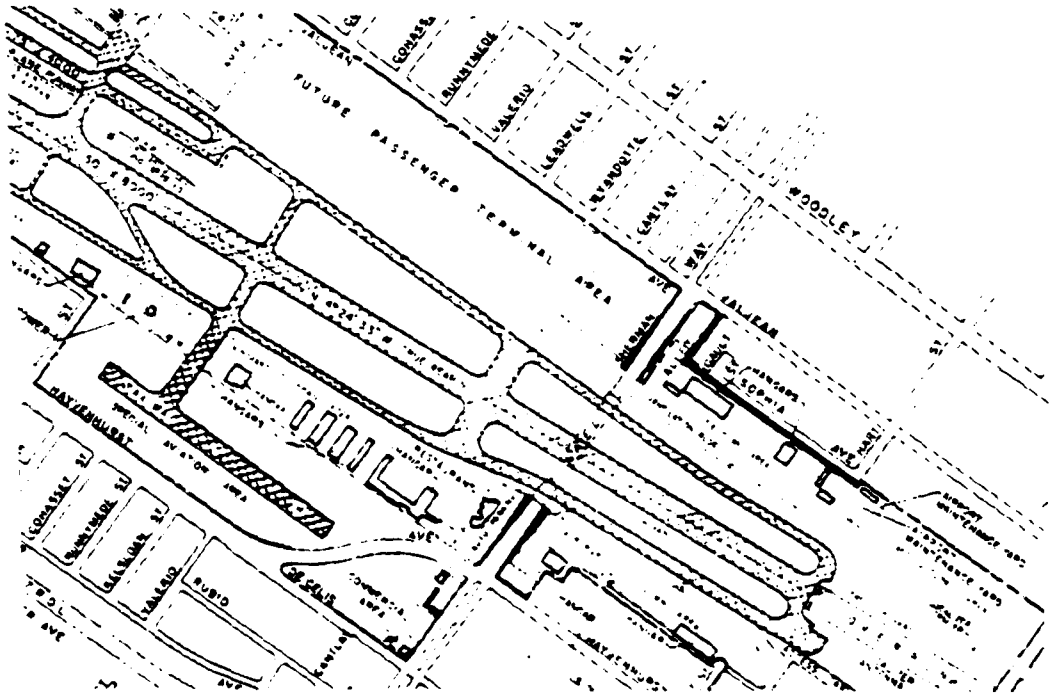


City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

Street improvements including the widening of Sophia Avenue between Hart and Gault Streets, construction of new curbs, gutters, and sidewalks, installation of street trees and a street lighting system and reconstruction of alleys south of Sherman Way and west of Valjean Avenue.

To satisfy requirements for Tracts 26657 and 29247 imposed in connection with the vacation of several streets on the Airport between Saticoy Street and Vanowen Street.



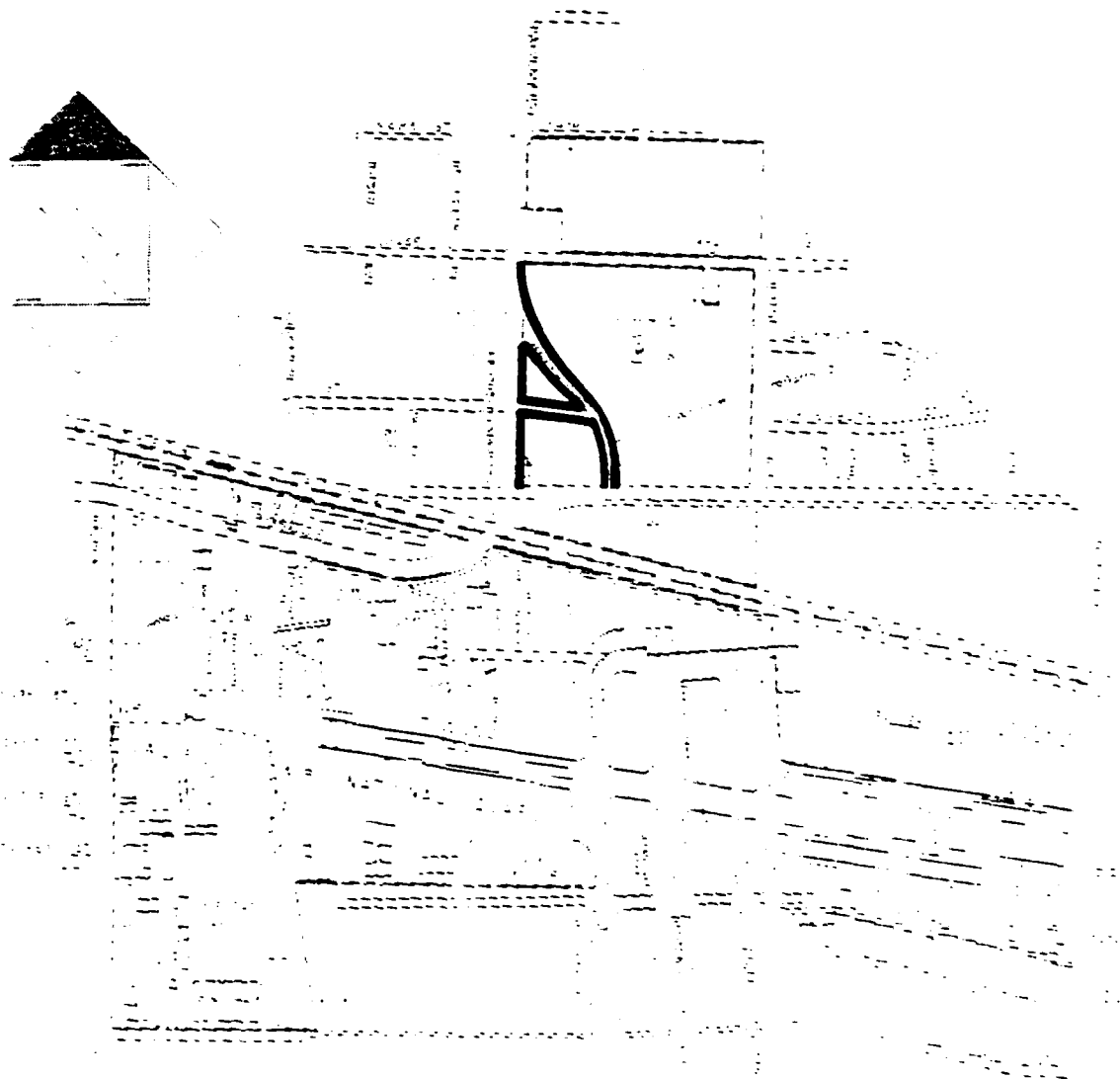
Project Name Hayvenhurst Place and Schoenborn Street	Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract November 1978	Airport VNY	G
Estimated Date of Completion March 1979	Estimated Project Cost \$196,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

This work is required by the City Planning Department as one of numerous conditions for vacating a number of streets in the north approach zone at Van Nuys Airport.

This project includes new curb, gutter, sidewalk, roadway pavement, street trees, chain link fence, and street lighting.



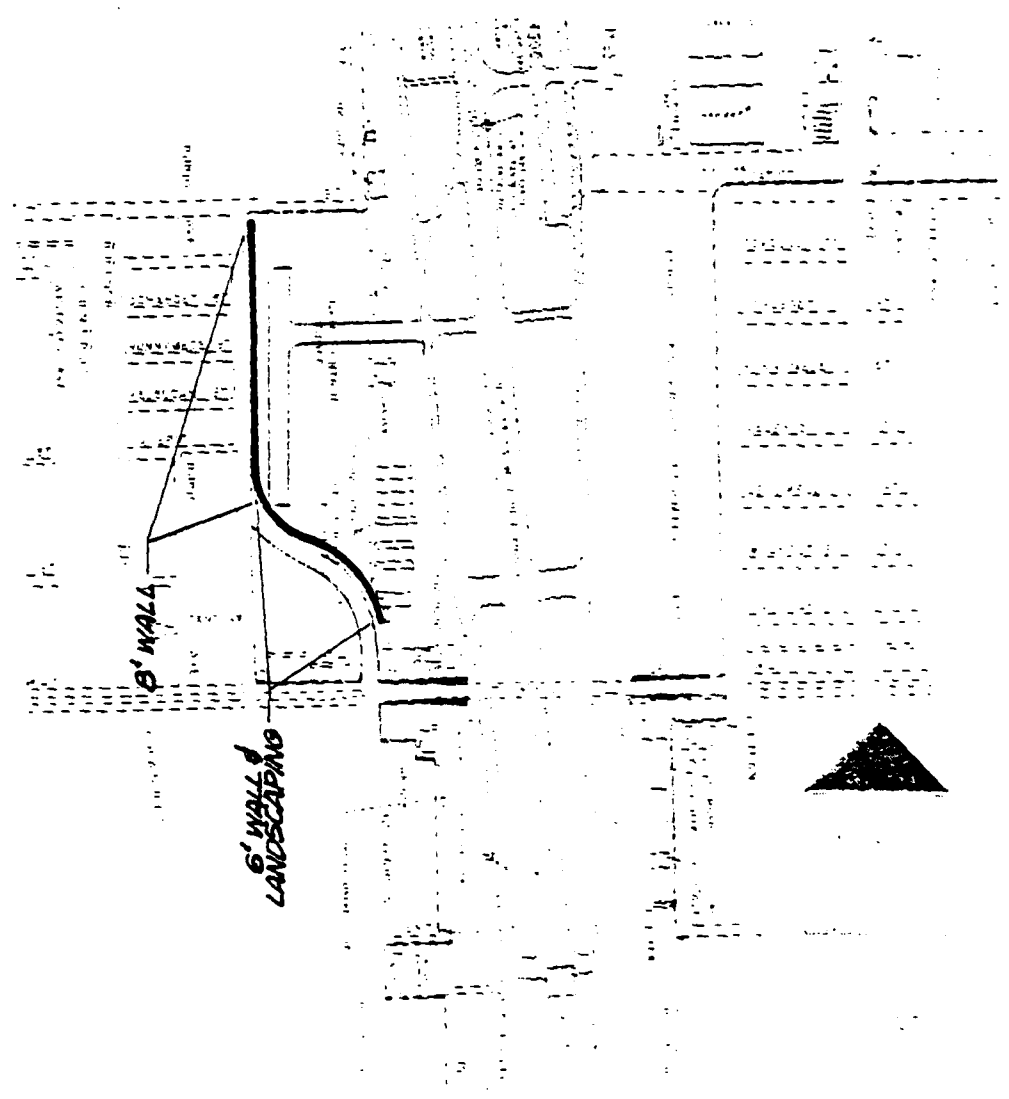
Project Name Screen Wall-Hayvenhurst Avenue	Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract November 1978	Airport VNY	G
Estimated Date of Commiation February 1979	Estimated Project Cost \$129,000	

City of Los Angeles
 Department of Airports
 Office of
 Facilities Planning

Project Purpose and Description

This project will provide an aesthetic buffer between newly developed Airport property and adjacent residential and commercial property. Construction will include:

1. 1700 lineal feet of 8-foot high masonry walls.
(Required by City Planning Department)
2. 700 lineal feet of 6-foot high masonry walls.
3. 700 lineal feet of landscaped frontage with irrigation system.



Project Name

Tract 29247 - Valjean & Saticoy Street Improvements

Estimated Date of Award of Contract
July 1980

Airport
VNY

Estimated Date of Completion
July 1981

Estimated Project Cost
\$744,000

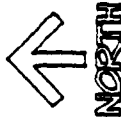
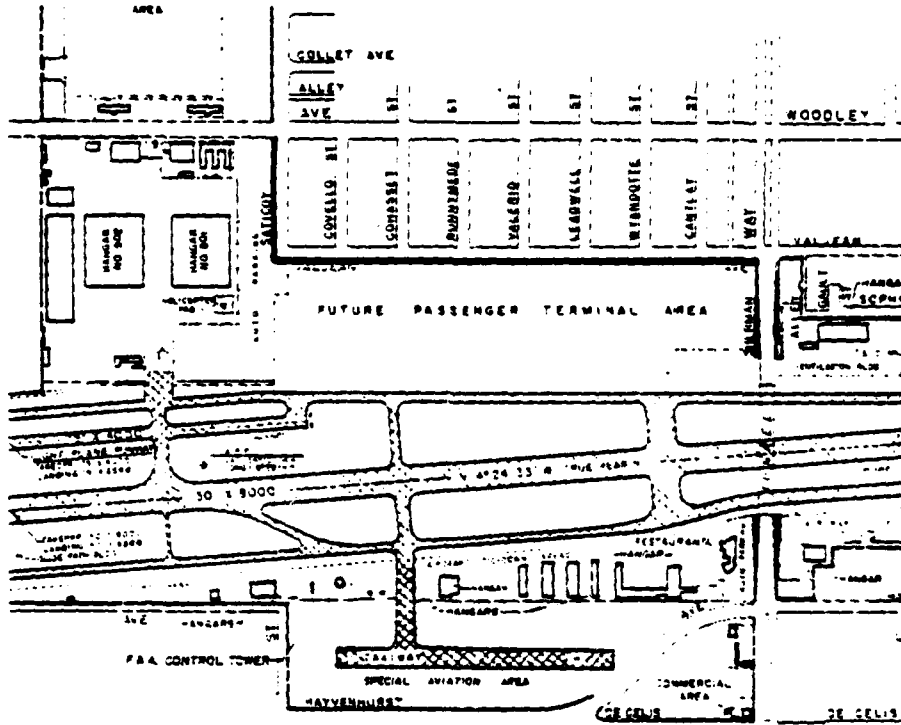
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City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

The project complies with conditions stipulated by the City Planning Department for vacating Sherman Way, Saticoy Street, and Valjean Avenue in Tract No. 29247.

Construction will include widening Valjean Avenue to secondary standards (66' roadway in an 86' R/W) and widening Saticoy Street to major highway standards (80' roadway in a 100' R/W). All of the widening will be on airport property. The project cost estimate includes landscaping, irrigation, and block walls along Valjean and IDO's to the Department of Public Works and the Department of Water and Power.



Project Name Land Acquisition		Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract Continuing		Airport PMD	L
Estimated Date of Completion 1979-1980 fiscal year		Estimated Project Cost \$6,000,000	

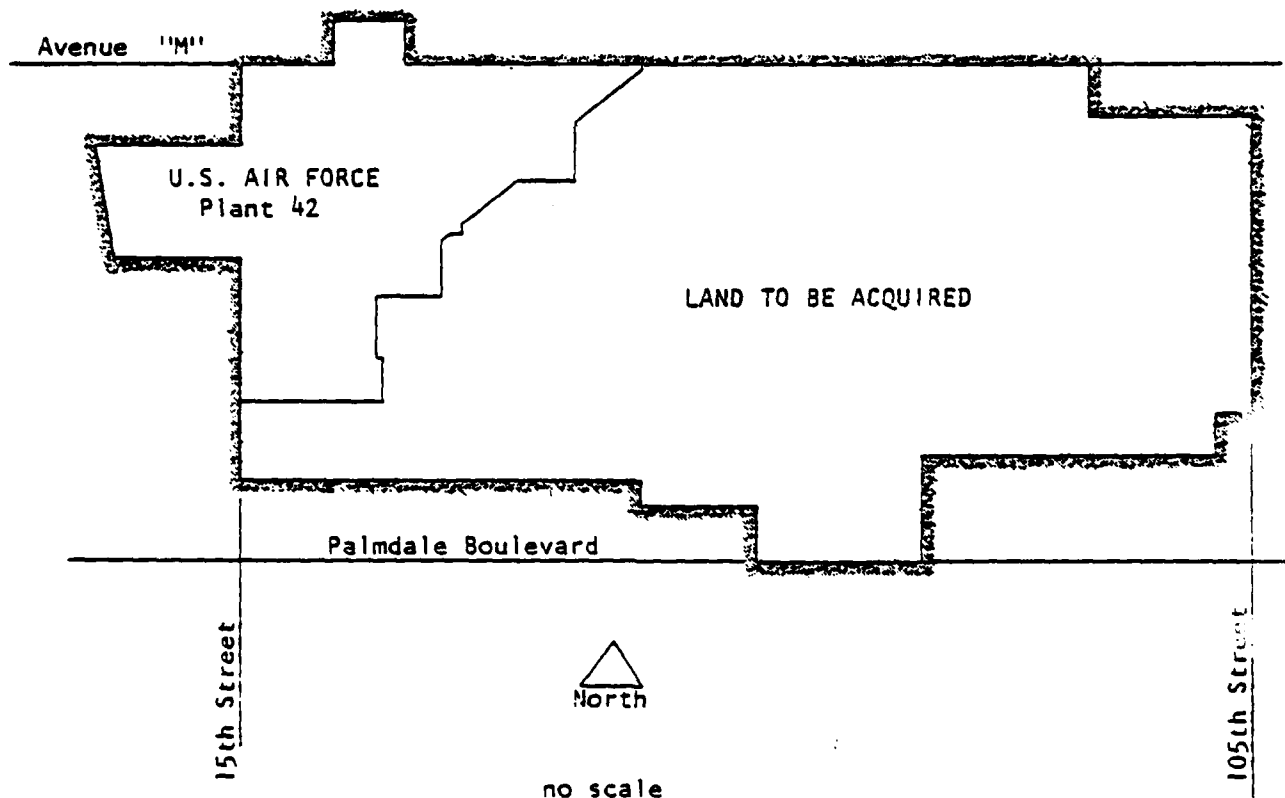
City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Acquisition of a total of approximately 17,500 acres of land within the boundaries of the proposed Palmdale International Airport.

Approximately 600 acres remain to be acquired.

To provide a facility capable of meeting forecast passenger growth in the 1980's when all existing airports will have reached capacity.



Project Name Alternate Operations Paving		Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract December 1979		Airport PMD	A
Estimated Date of Completion June 1980	Estimated Project Cost \$1,926,000		

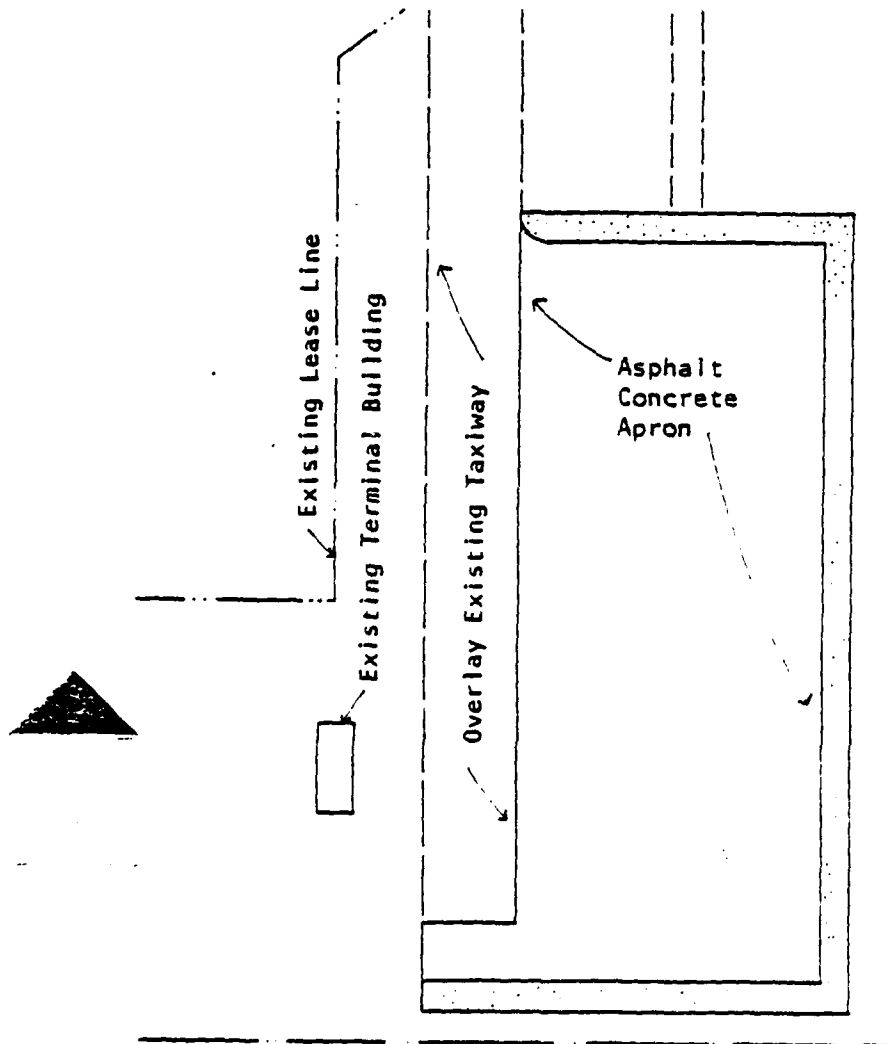
City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

New 500-foot wide by 1,200-foot long asphalt concrete apron east of existing passenger terminal providing five (5) wide-bodied parking positions.

Reconstruction of center 75 feet of existing Taxiway L with asphalt concrete between southerly end and existing Taxiway E.

To provide a local alternate operations facility for wide-body jets.



Project Name Site Development	Project Number	Revision Date 1-1-77
Estimated Date of Award of Contract April 1982	Airport PMD	A
Estimated Date of Completion April 1984	Estimated Project Cost \$63,330,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Develop preliminary site improvements prior to airfield and terminal construction scheduled to begin in 1984. These improvements include:

Project	Award	Cost
1. Flood Control Facilities	4/82	\$44,750,000
2. Site Grading - Phase I	4/82	15,505,000
3. Sewage Treatment Facility	4/83	1,495,000
4. Domestic Water Feeder	4/83	<u>1,580,000</u>
	Total	\$63,330,000

Project Name South Service Road Reconstruction		Project Number	Revision Date 7-1-78
Estimated Date of Award of Contract May 1978		Airport LAX	A
Estimated Date of Completion November 1978		Estimated Project Cost \$337,000	

City of Los Angeles
Department of Airports
Office of
Facilities Planning

Project Purpose and Description

Reconstruction of existing service road south of Taxiway F between the West Imperial Terminal and Aviation Boulevard. The new 30 foot wide asphalt concrete roadway will be on the same alignment as existing west of Sepulveda, and realigned northerly east of Sepulveda to maintain a clearance of 170 feet to the centerline of Taxiway F.

This project will replace the existing deteriorating service road.



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