
Natural Community Conservation Plan & Habitat Conservation Plan & EIR & EIS

*County of Orange Central & Coastal Subregion
Map Section (Figures 1 through 76)*

Prepared for:

**County of Orange
Environmental Management Agency
300 North Flower
Santa Ana, CA 92702;**

and

**U.S. Department of Interior
Fish and Wildlife Service
Carlsbad Field Office
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MAY 1996

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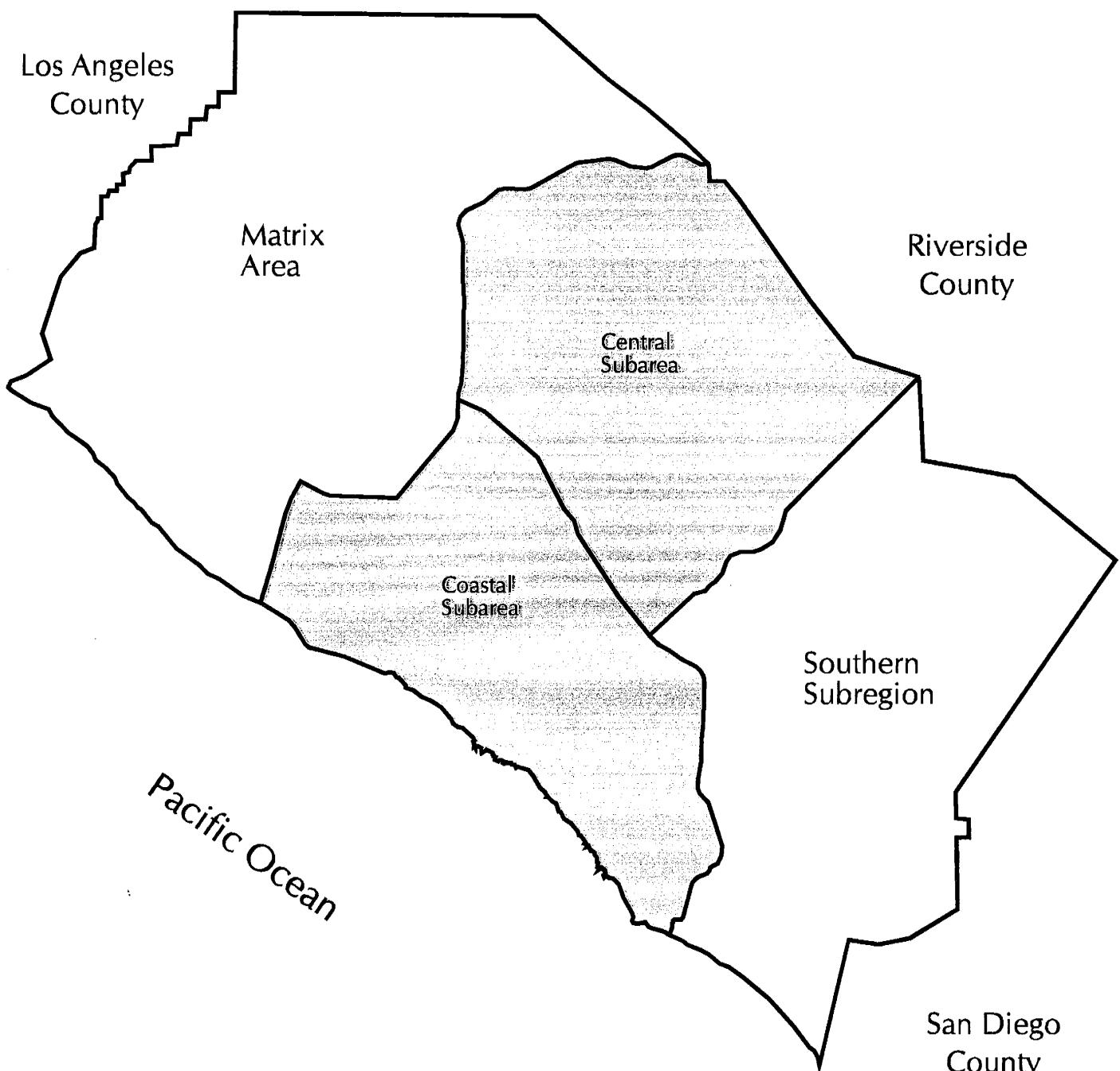
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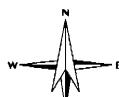
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CENTRAL AND COASTAL SUBREGION



JN 10650 NCCP1.AML 3/28/96



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Figure 1

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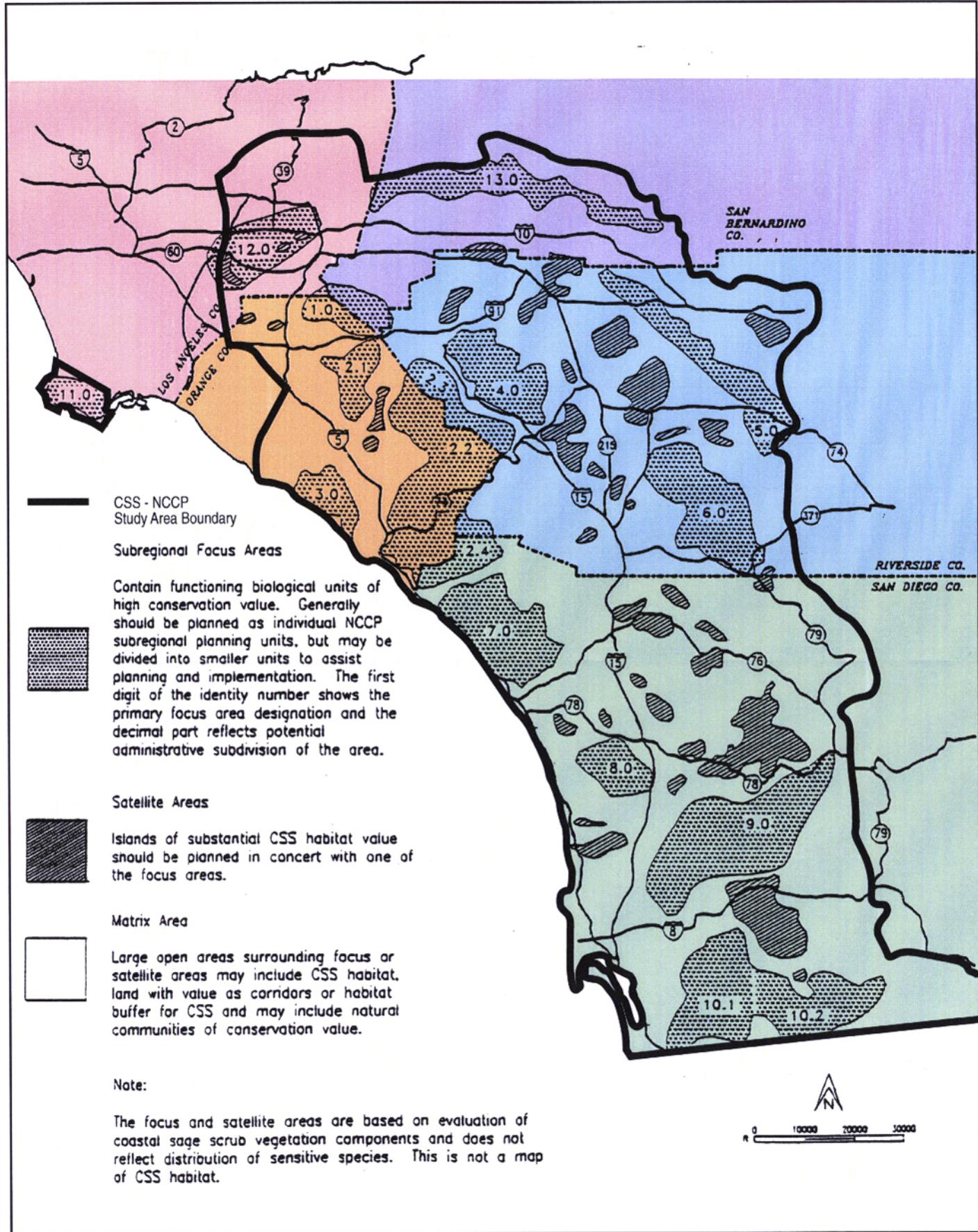


Figure 2



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Five-County NCCP Study Area

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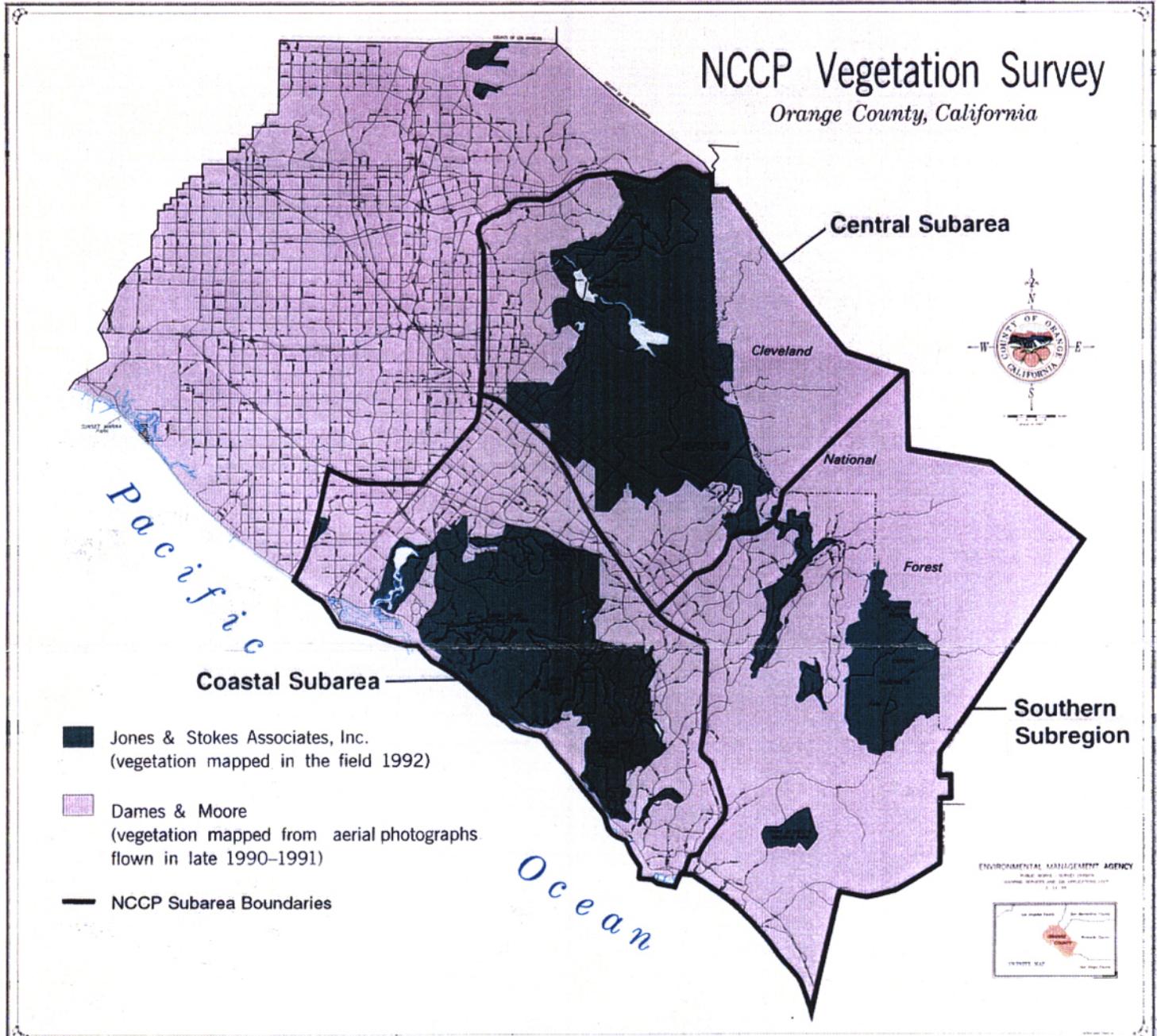
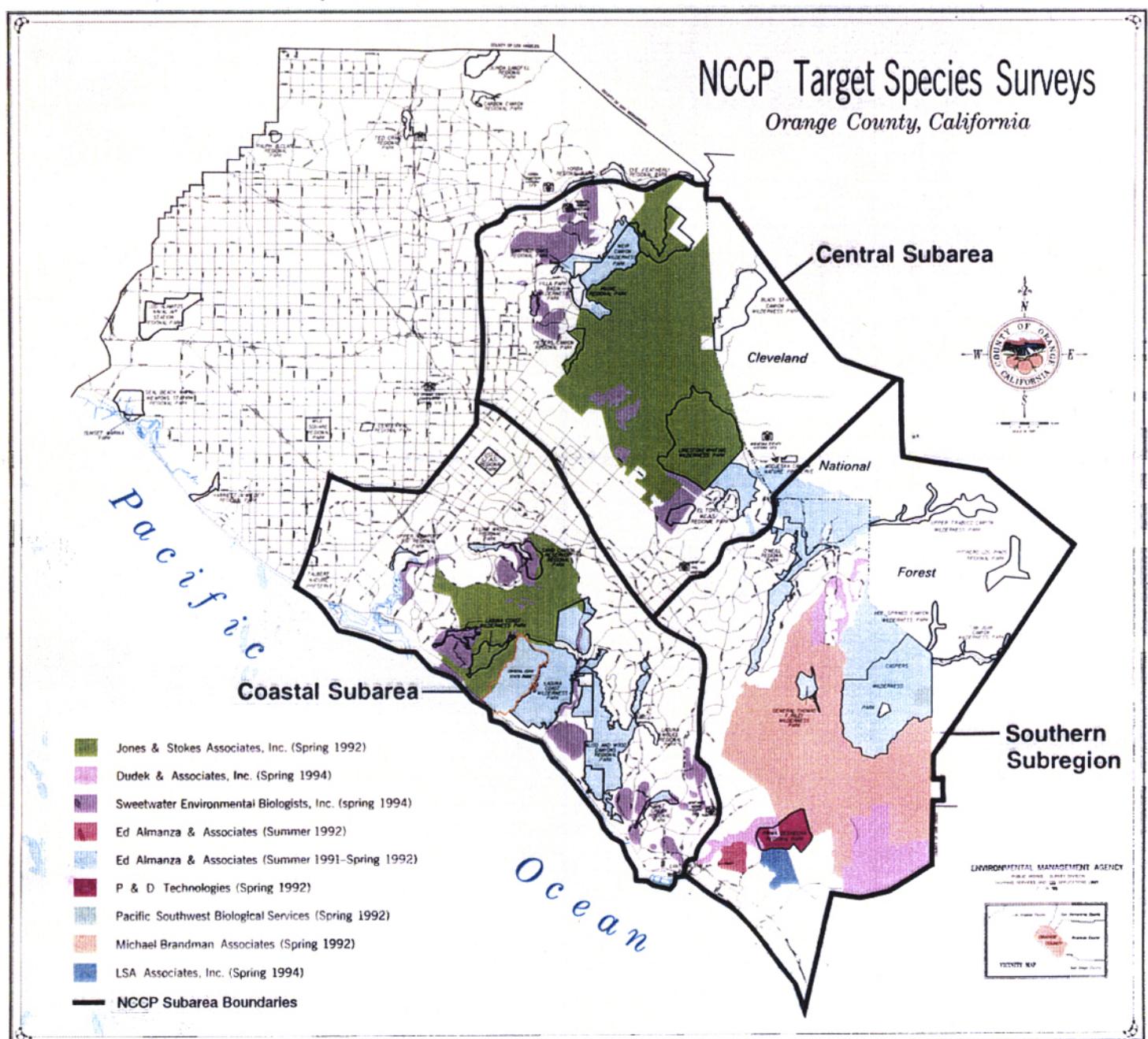


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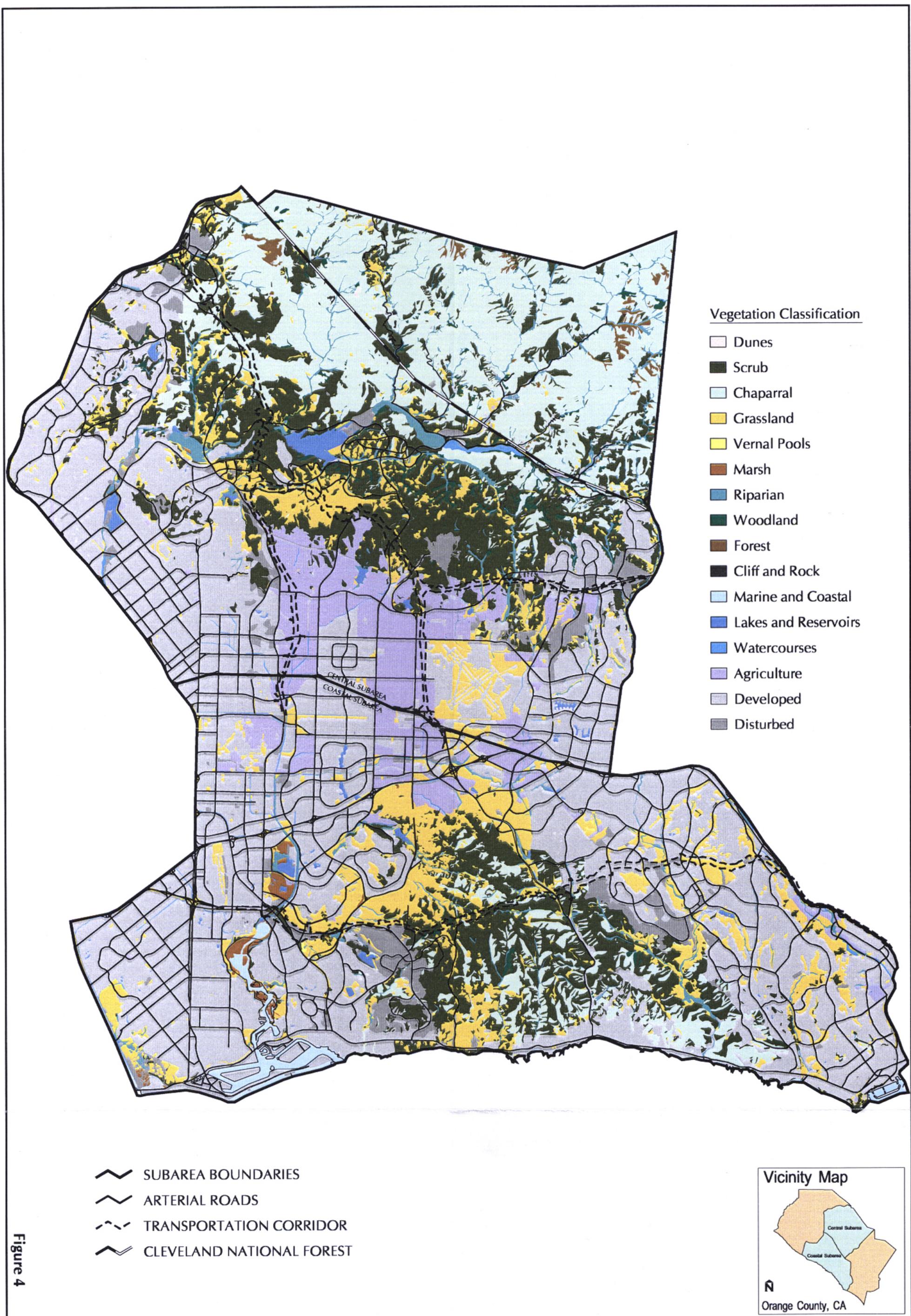
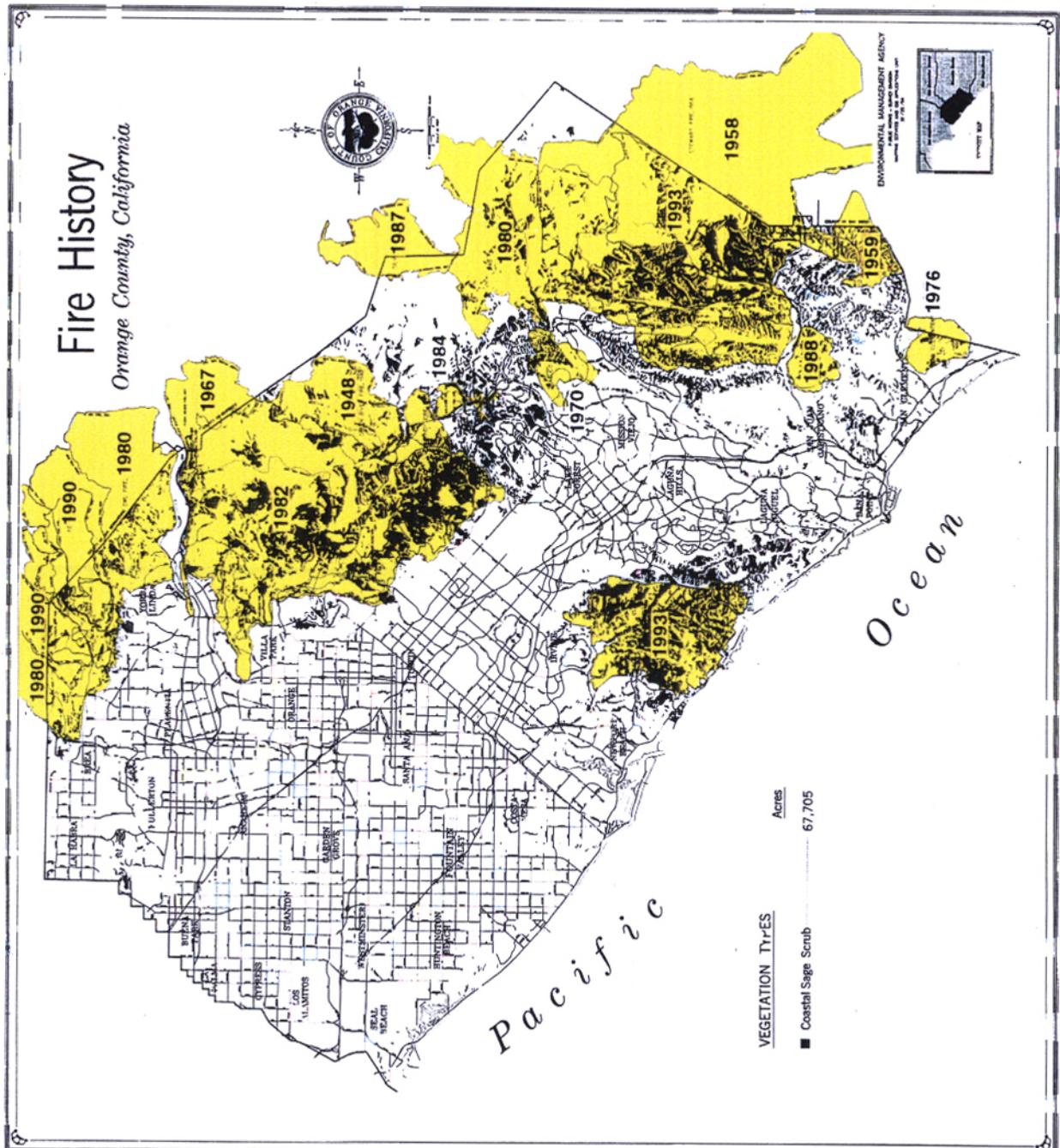


Figure 4

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Orange County Fire History



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Figure 5

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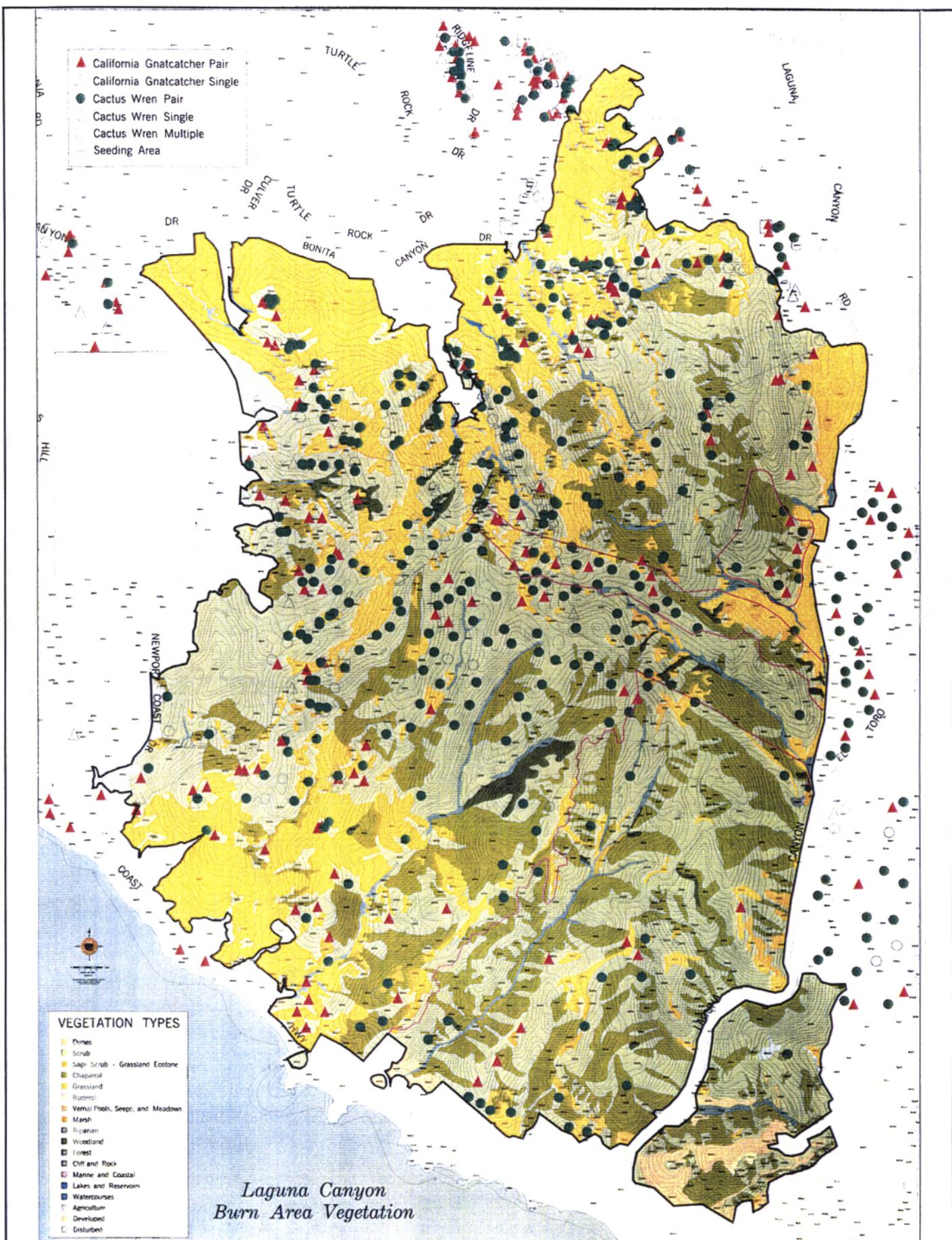
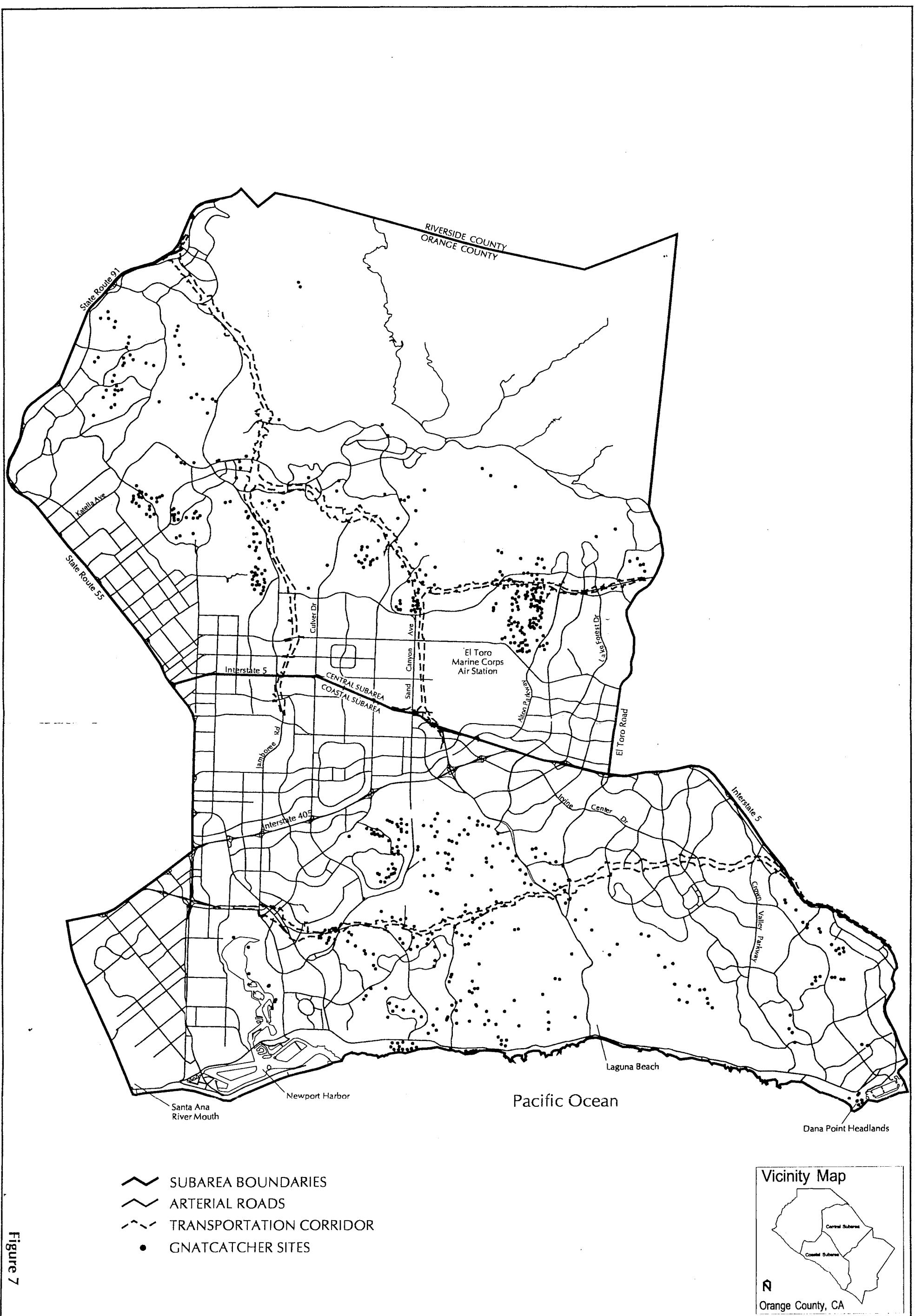


Figure 6

Laguna Canyon Burn Area Vegetation

Source: Orange County Environmental Agency

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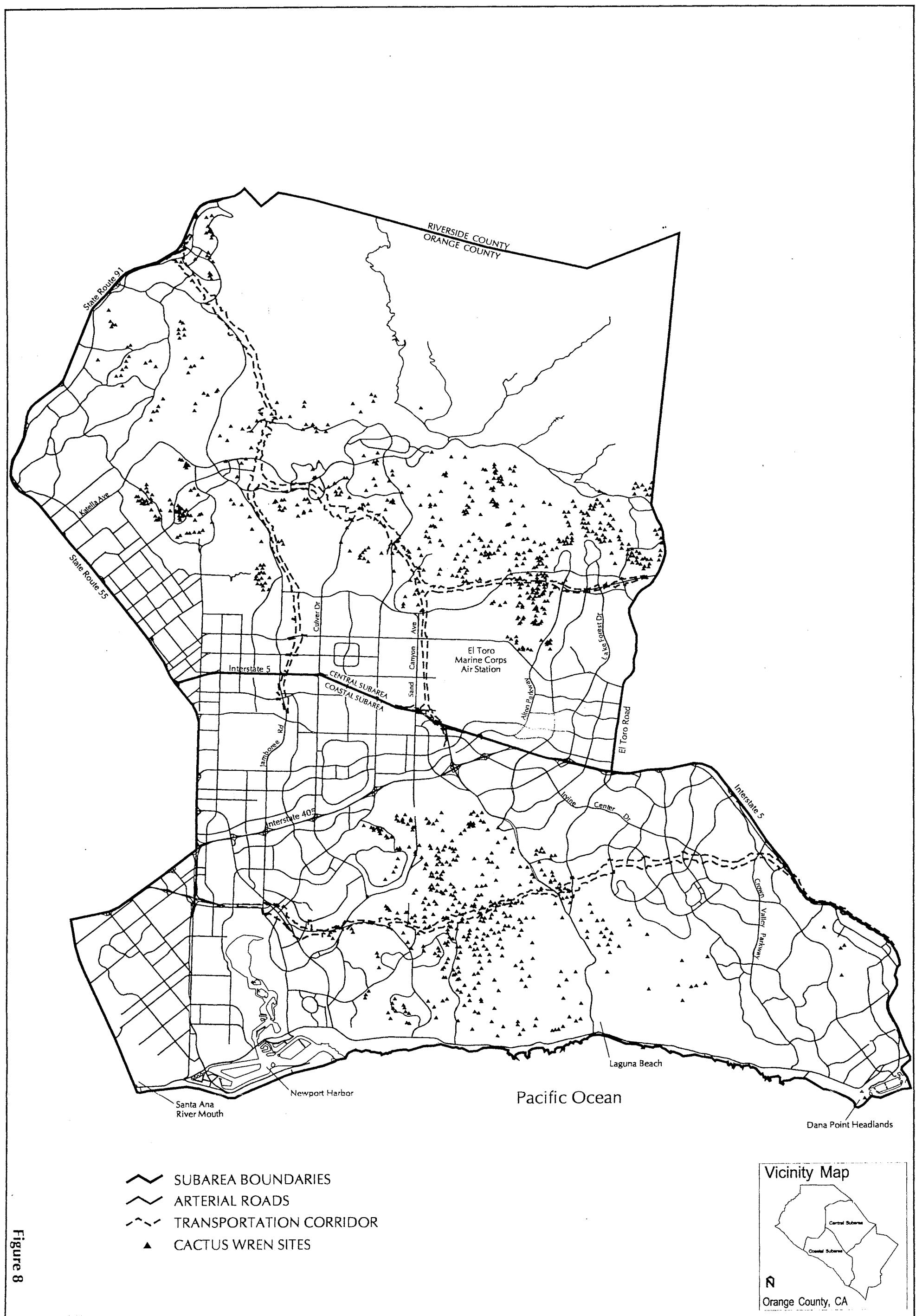


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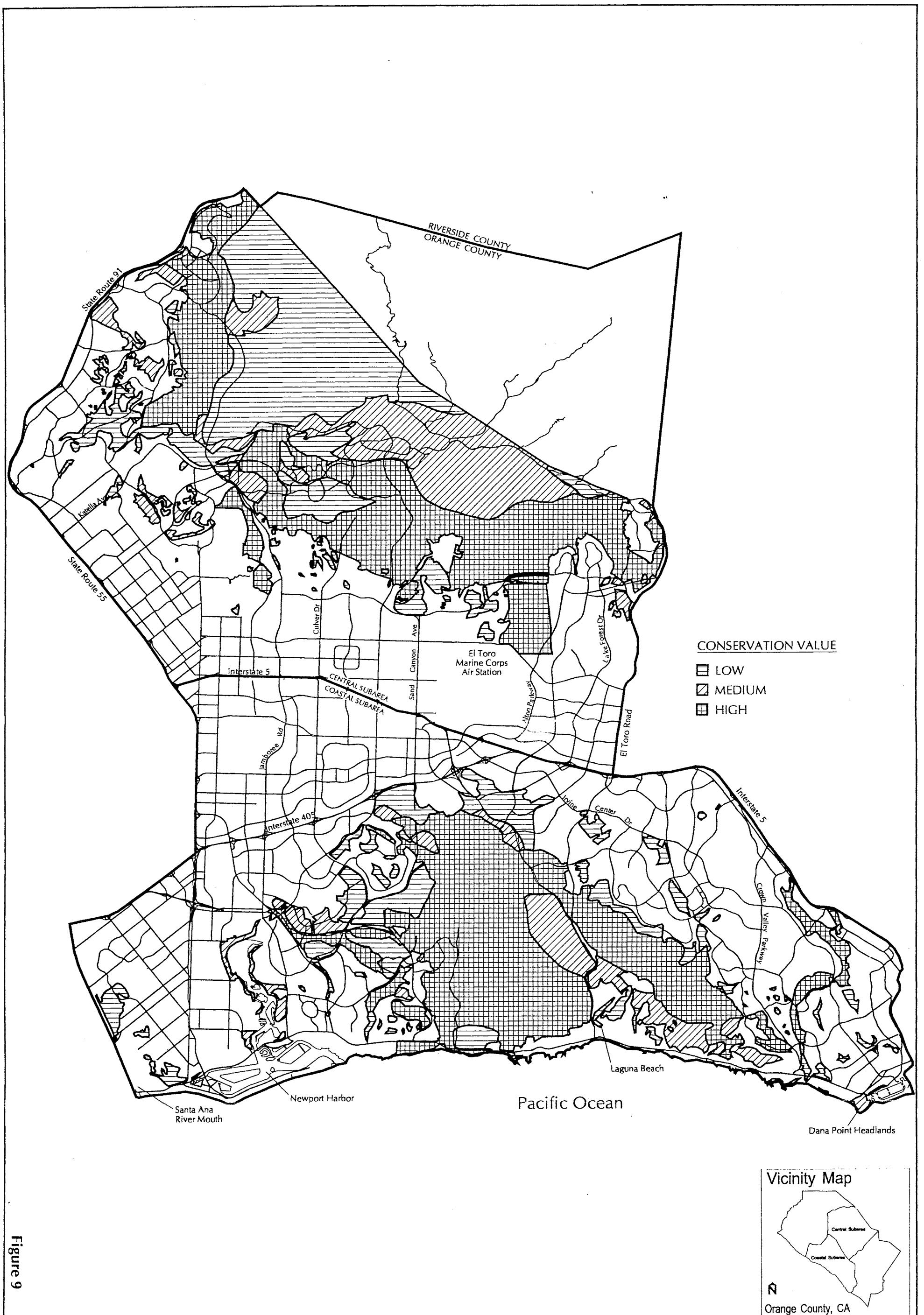


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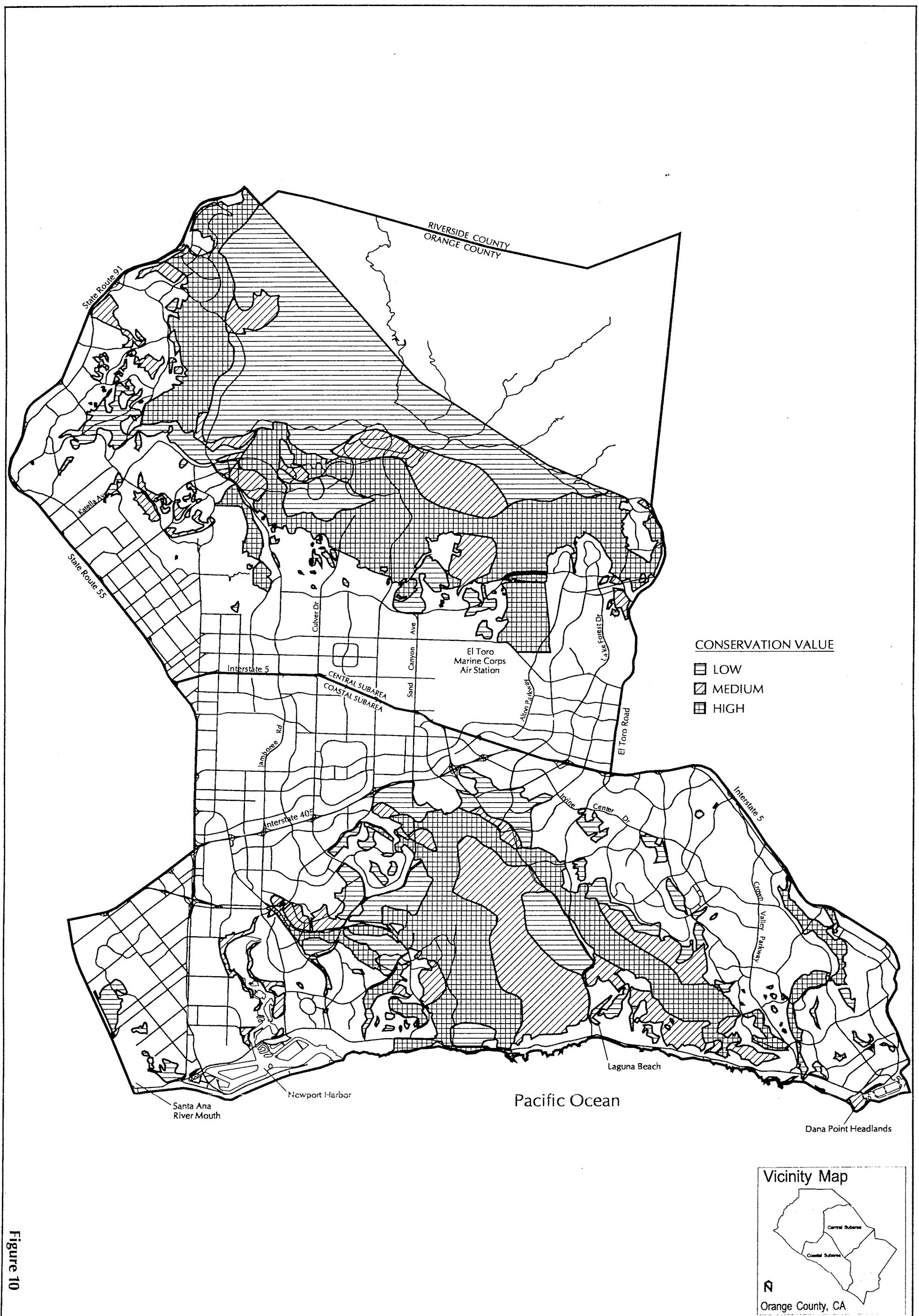


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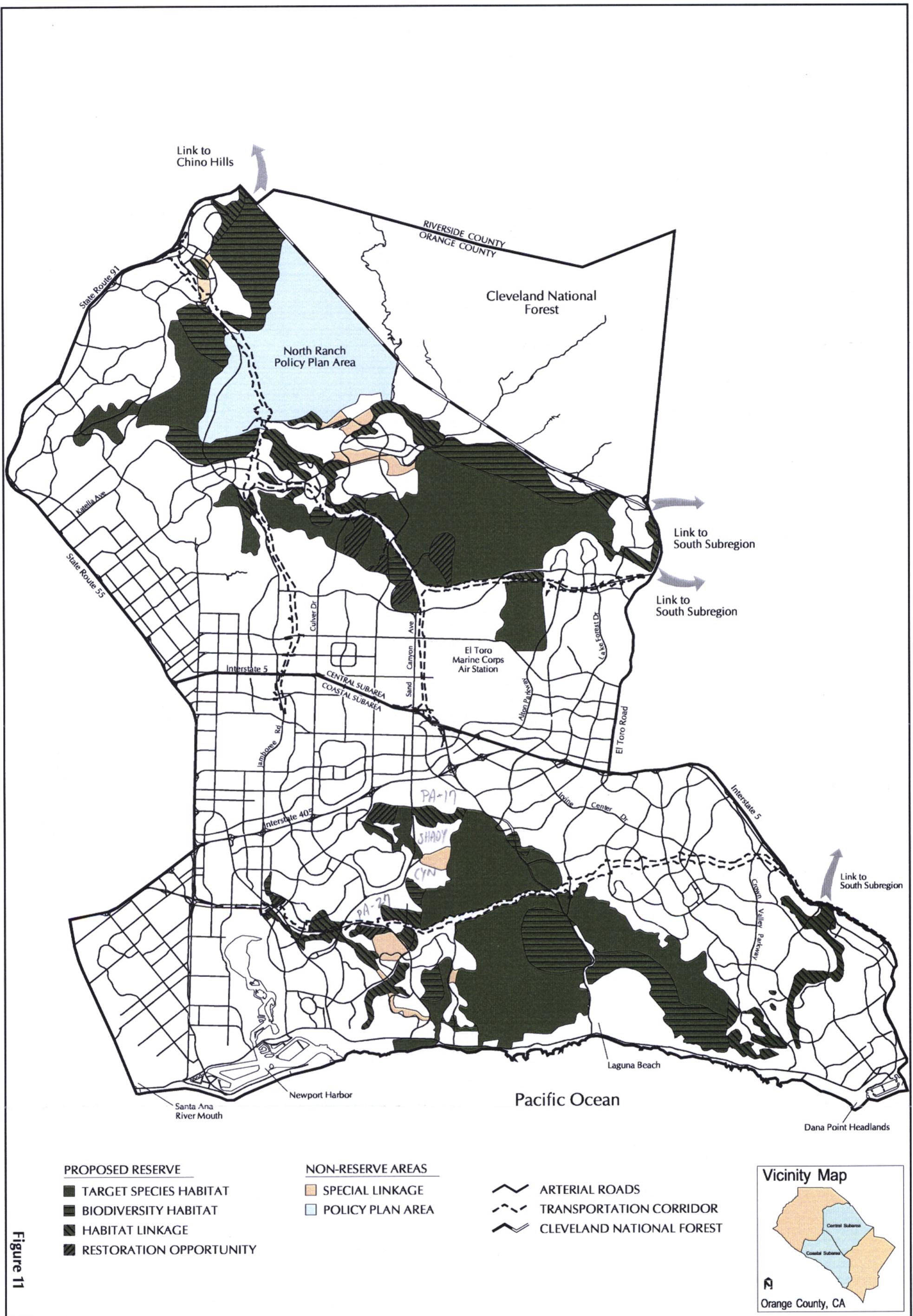
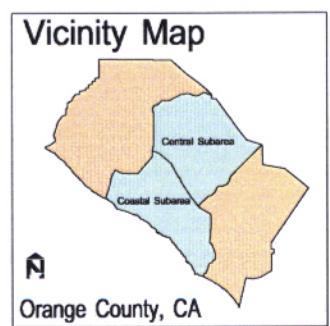


Figure 11

- PROPOSED RESERVE**
- TARGET SPECIES HABITAT
 - BIODIVERSITY HABITAT
 - HABITAT LINKAGE
 - RESTORATION OPPORTUNITY

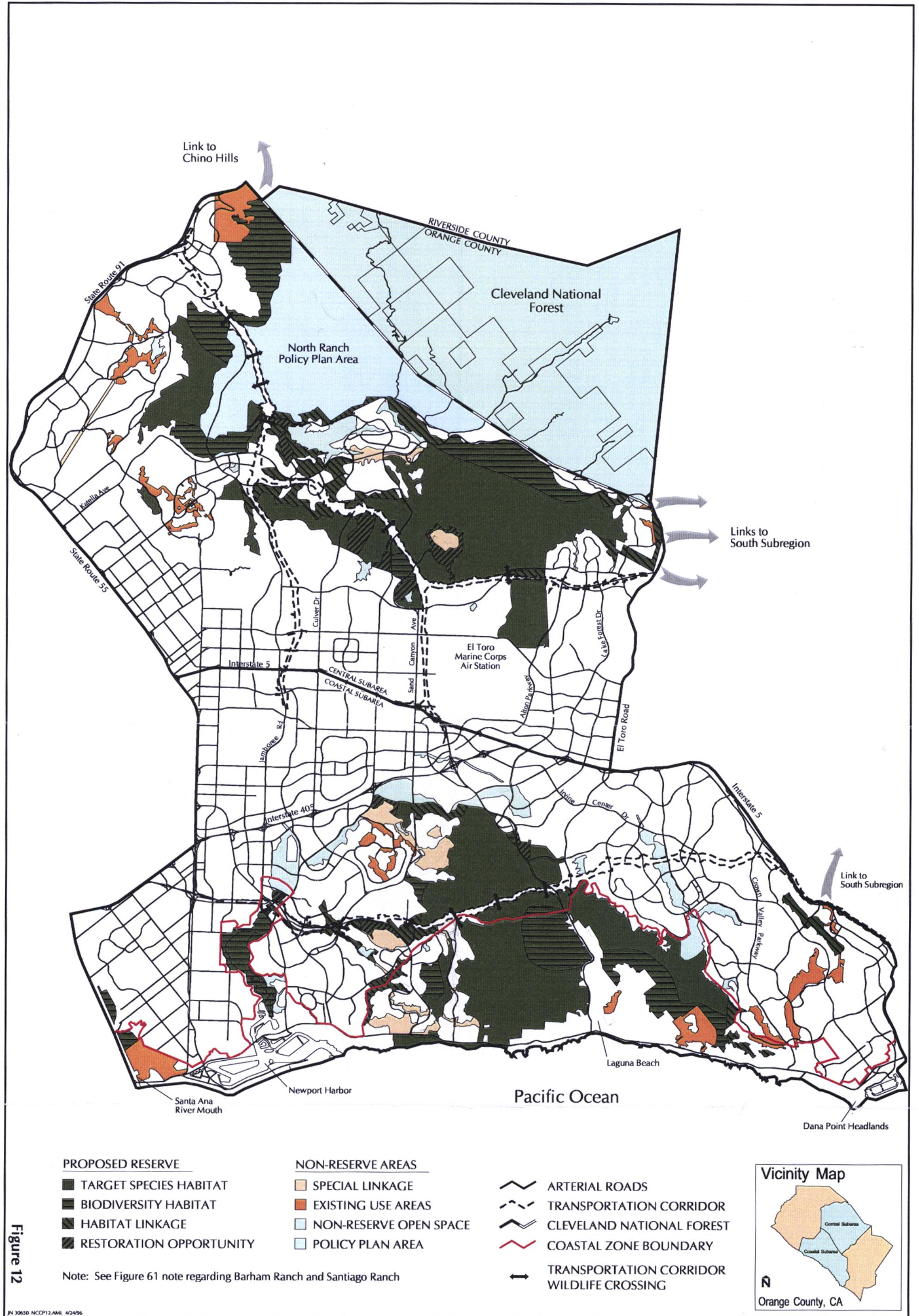
- NON-RESERVE AREAS**
- SPECIAL LINKAGE
 - POLICY PLAN AREA

- ▲ ARTERIAL ROADS
- ▲ TRANSPORTATION CORRIDOR
- ▲ CLEVELAND NATIONAL FOREST



JN 30650 NCCP11.AML 3/28/96

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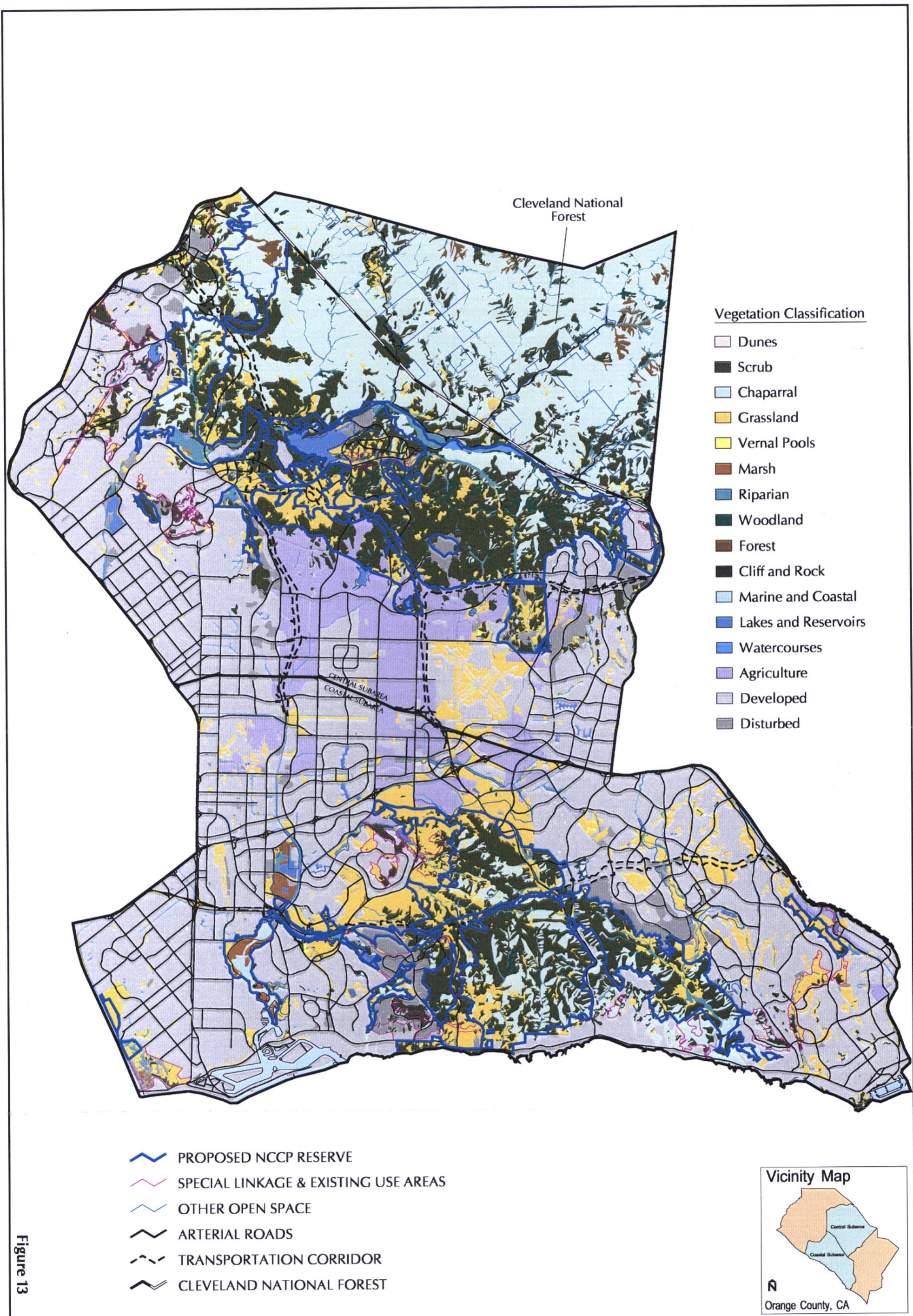
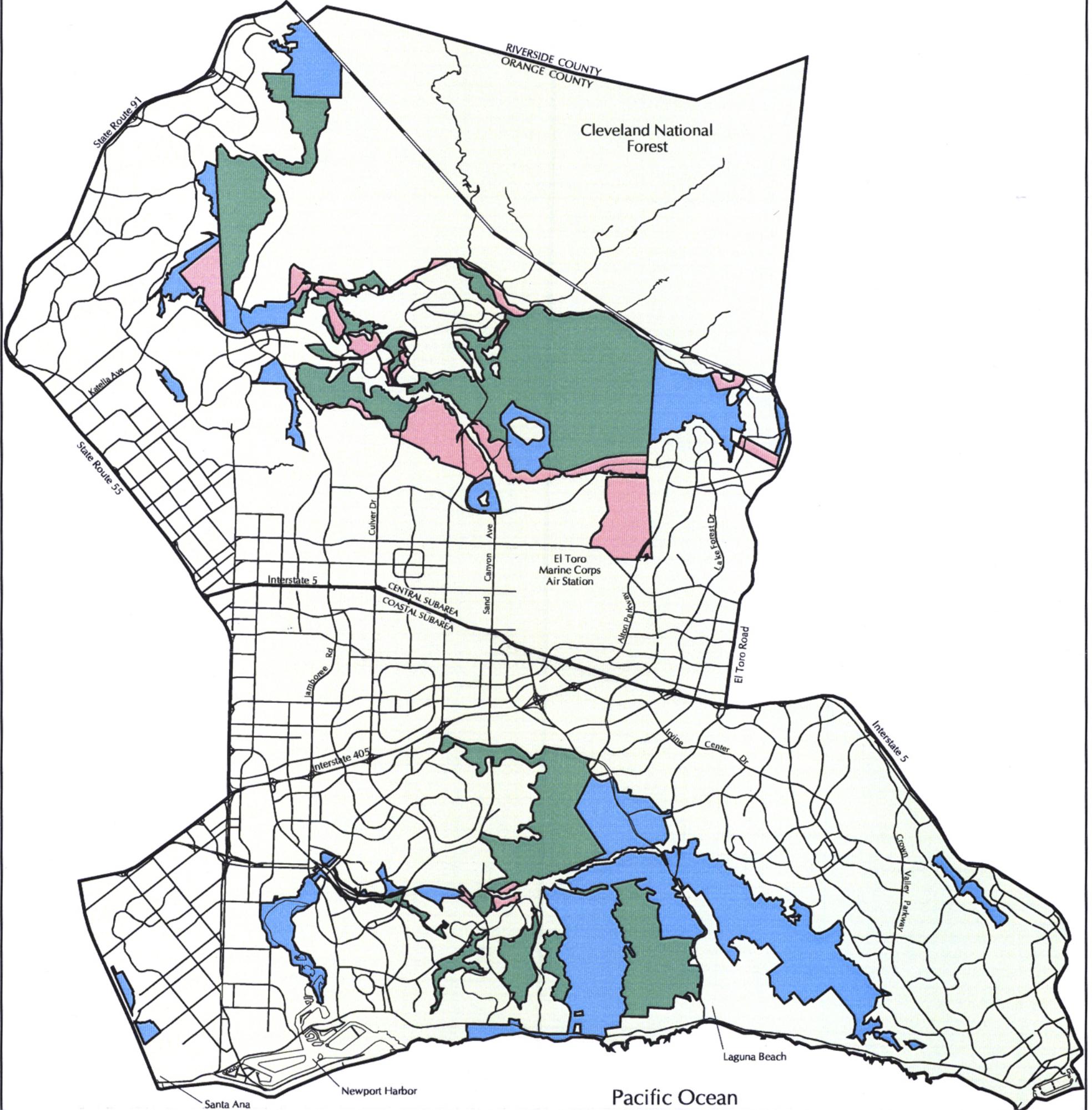


Figure 13

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ORIGIN OF PROPOSED RESERVE LANDS

- EXISTING PUBLIC OWNERSHIP
- TIC LANDS PREVIOUSLY PROPOSED FOR DEDICATION OR PURCHASE
- NEW LANDS PROPOSED FOR INCLUSION UNDER THE NCCP/HCP

Note: See Figure 61 note
regarding Barham Ranch
and Santiago Ranch

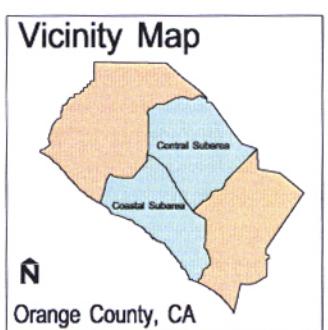
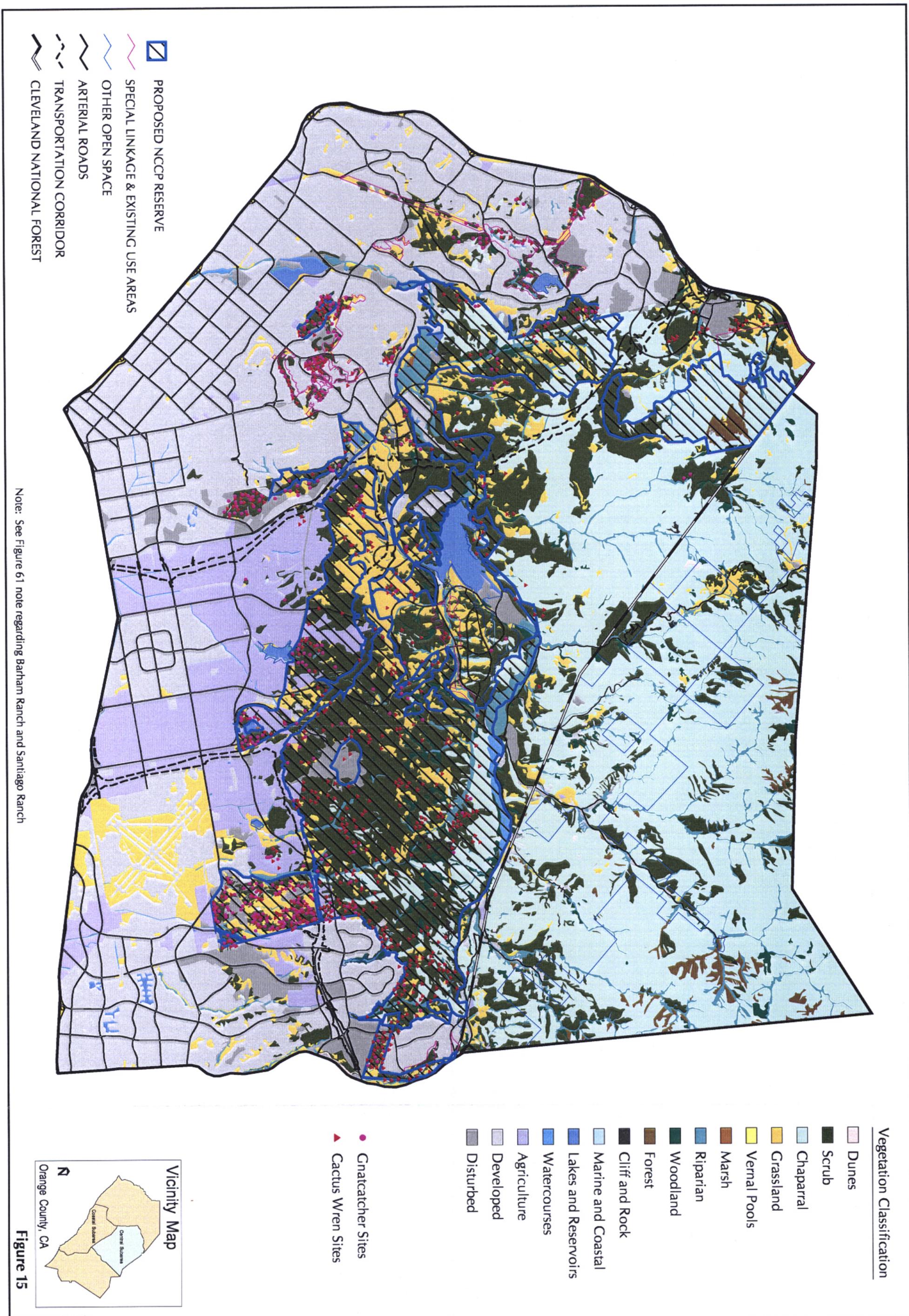


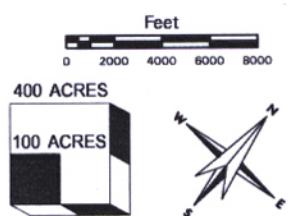
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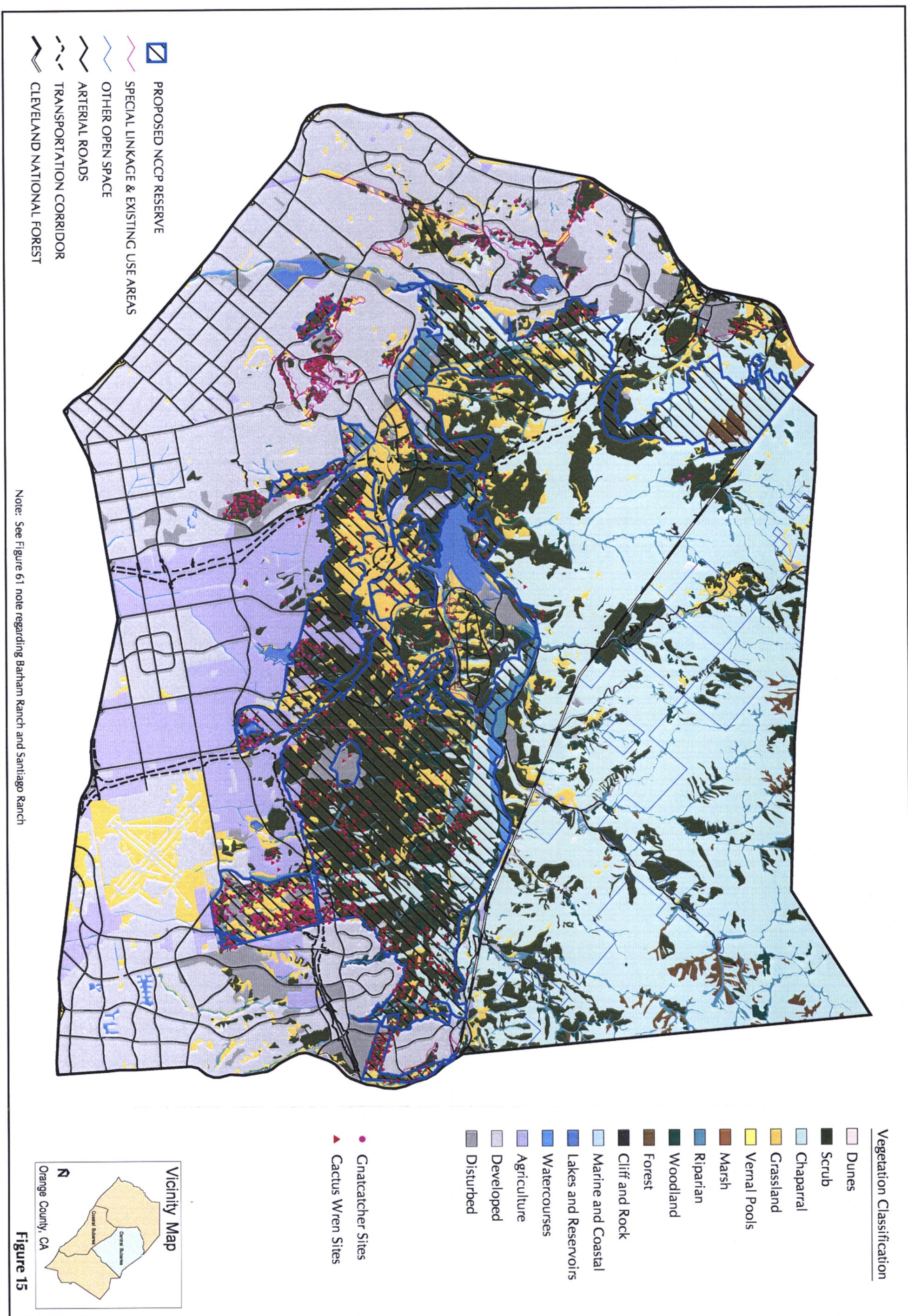


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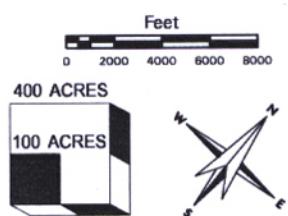


Central Subarea
Proposed Habitat Reserve System
& Surveyed Target Bird Species Sites

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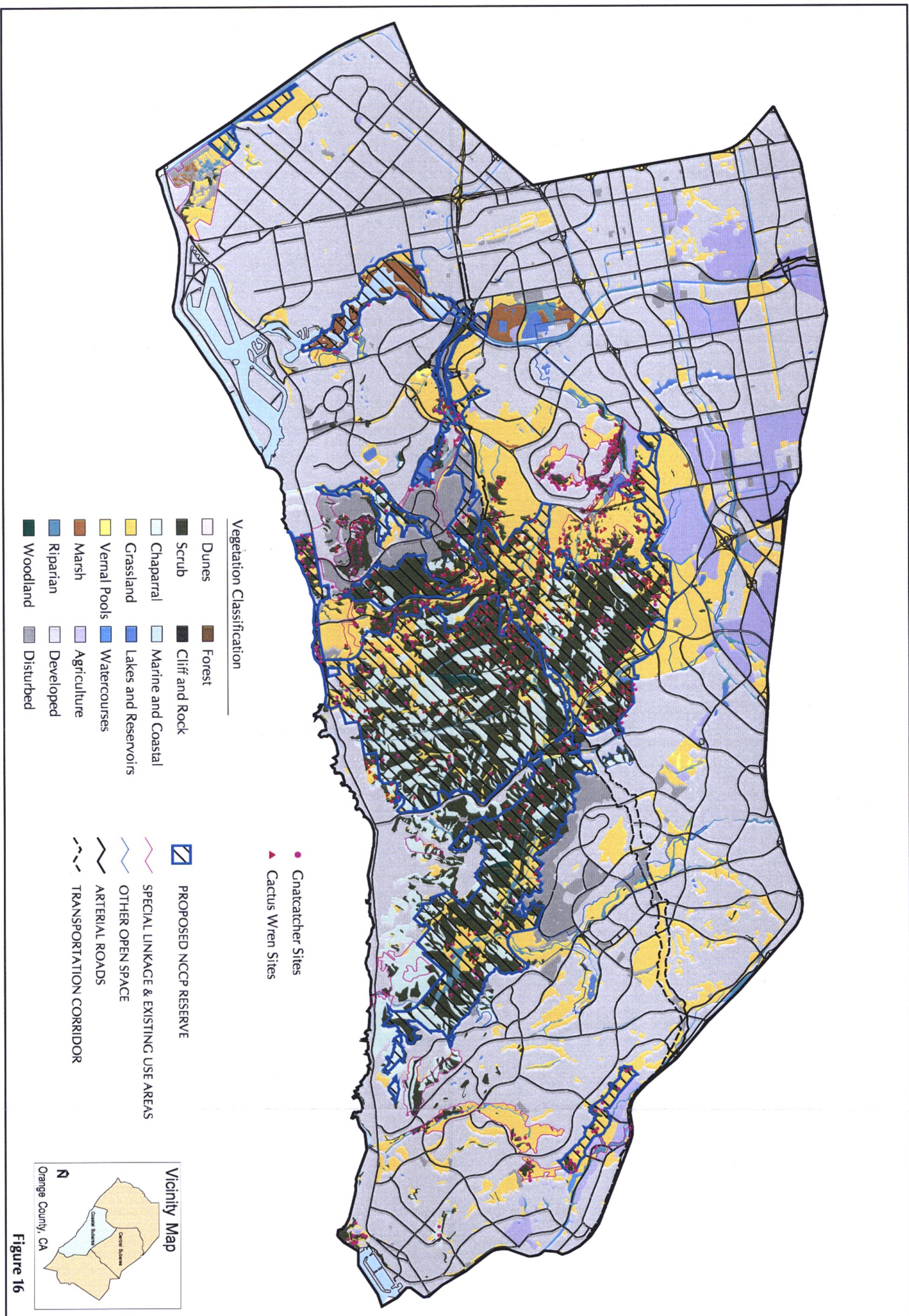


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Central Subarea
Proposed Habitat Reserve System
& Surveyed Target Bird Species Sites

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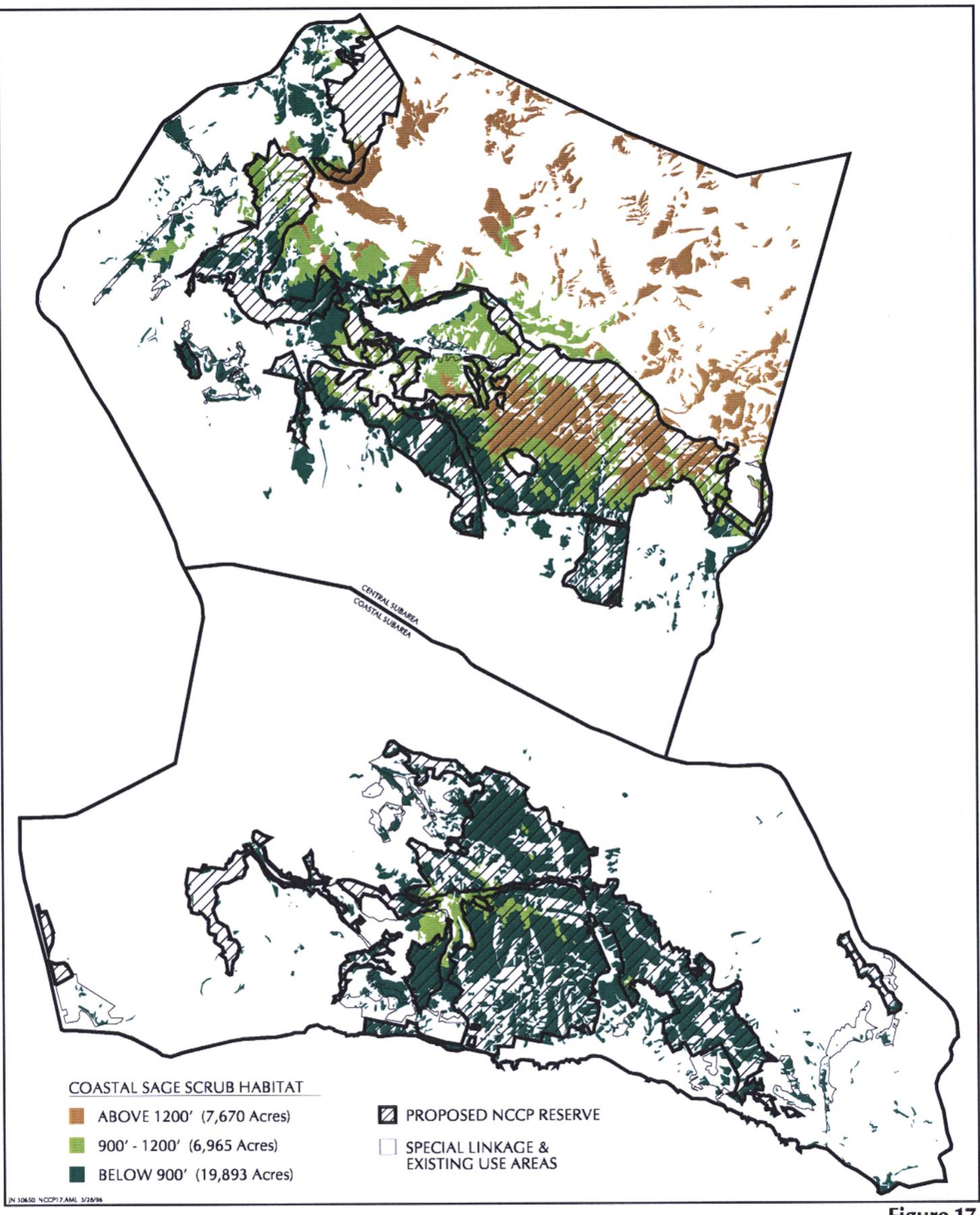


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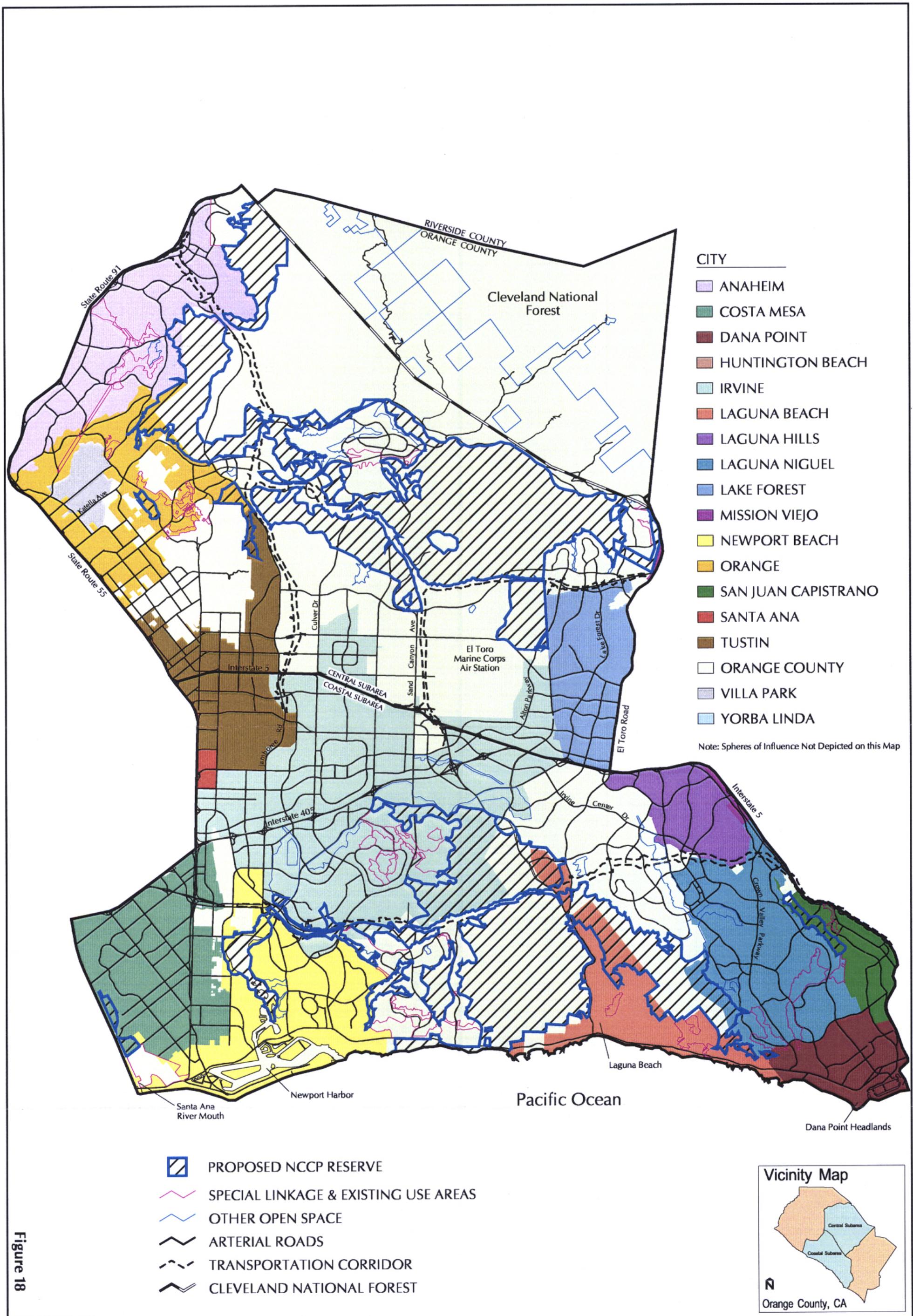


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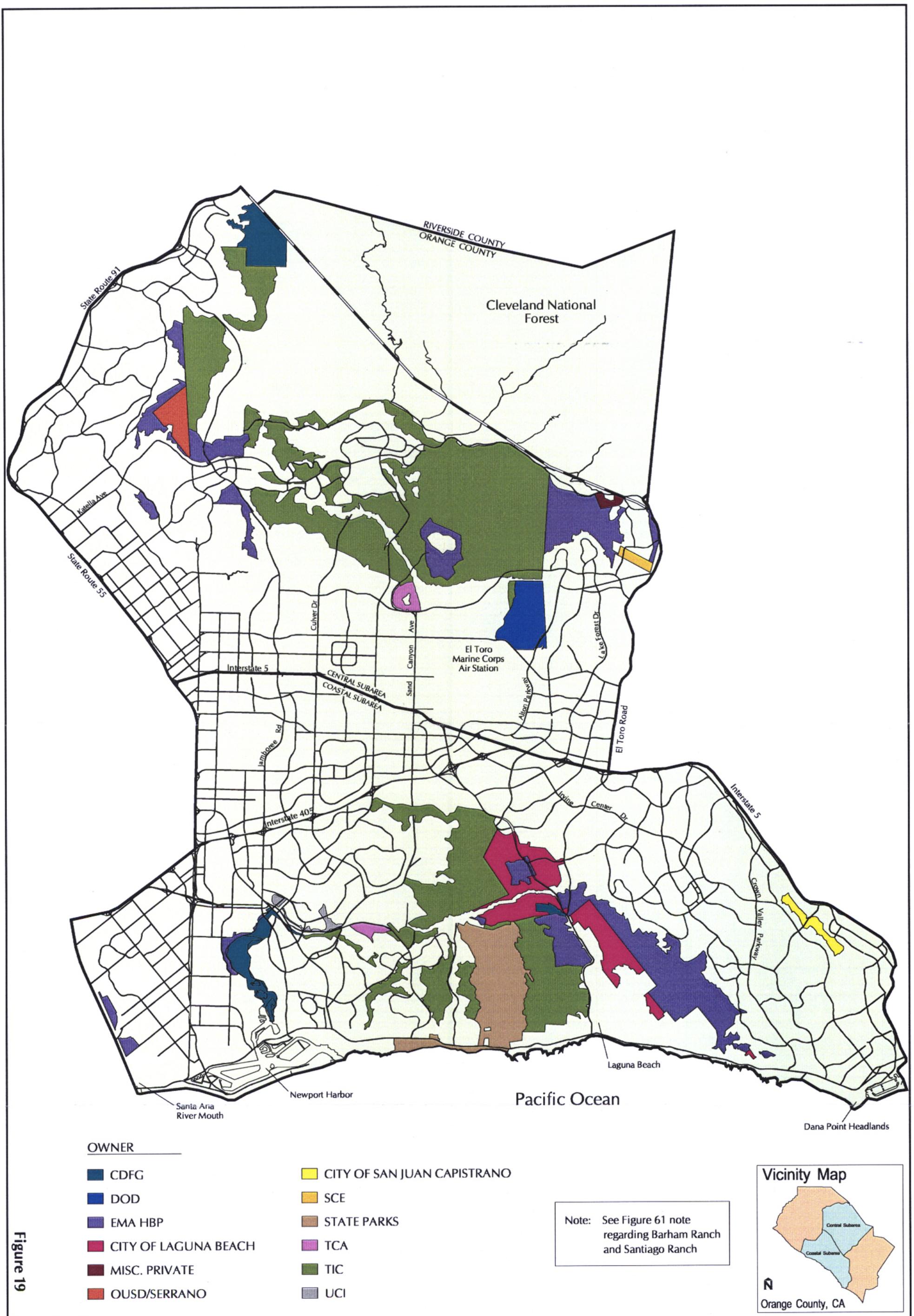


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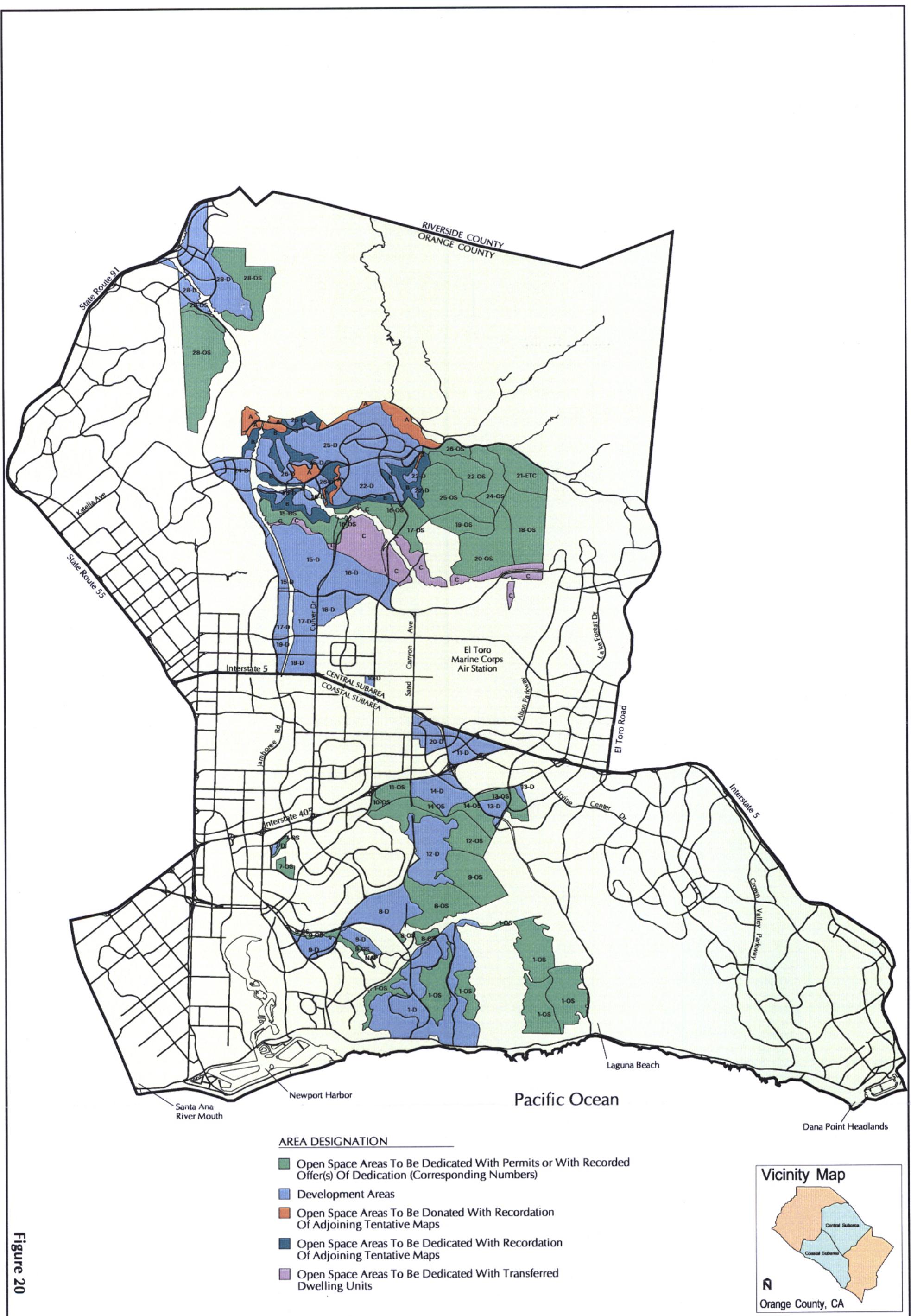
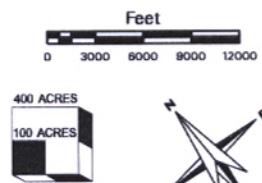


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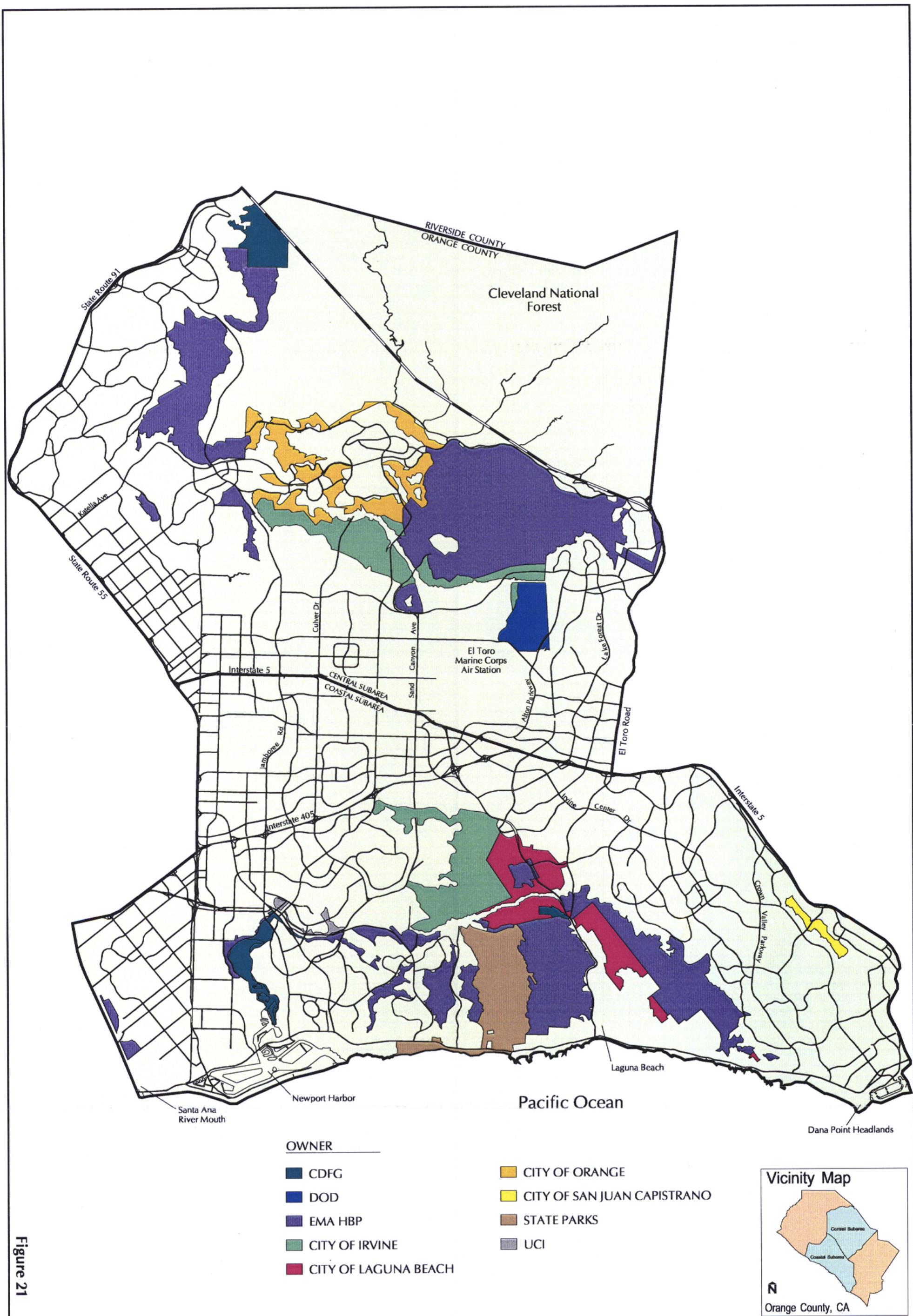


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The Irvine Company Phased Dedication Areas

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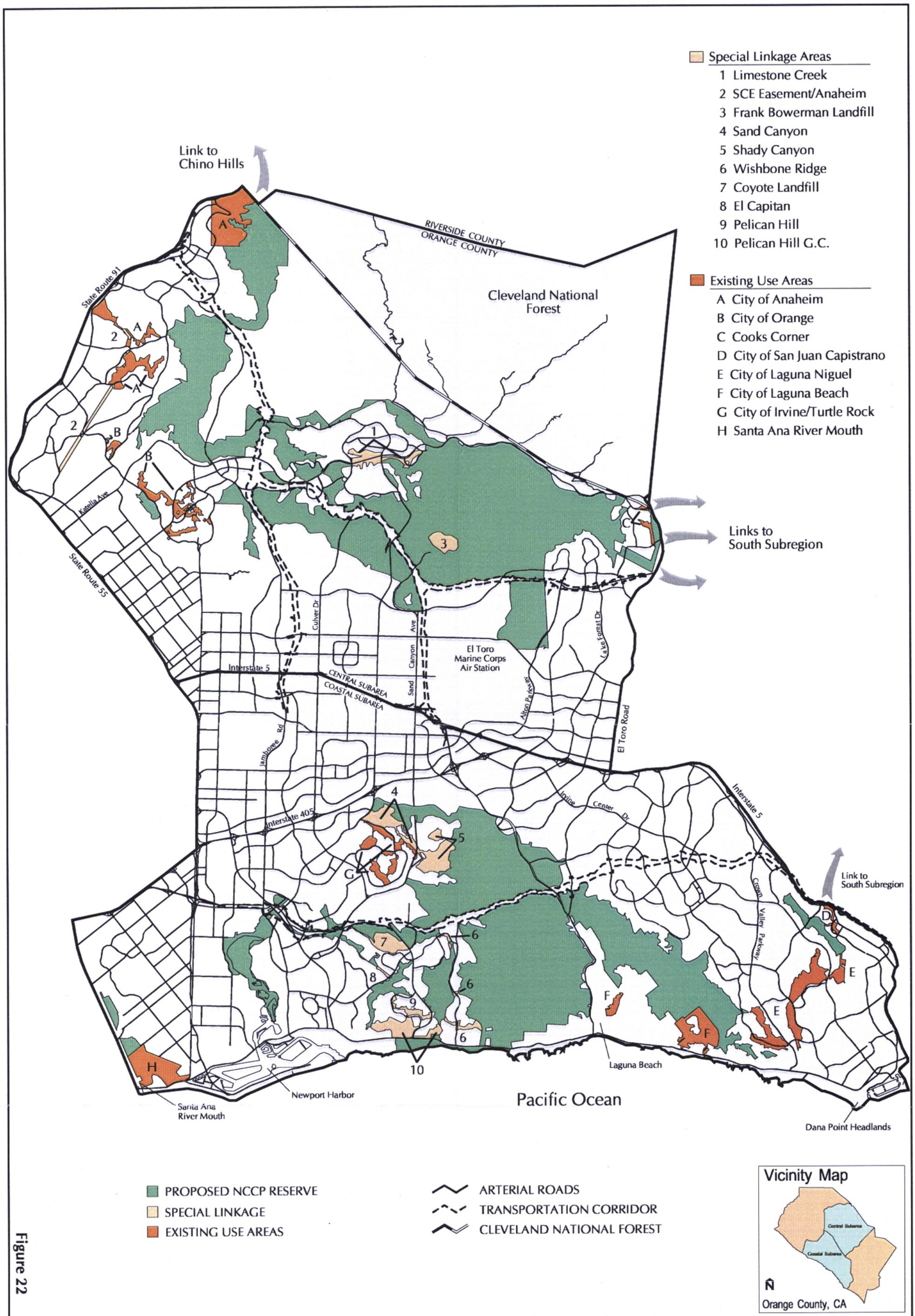


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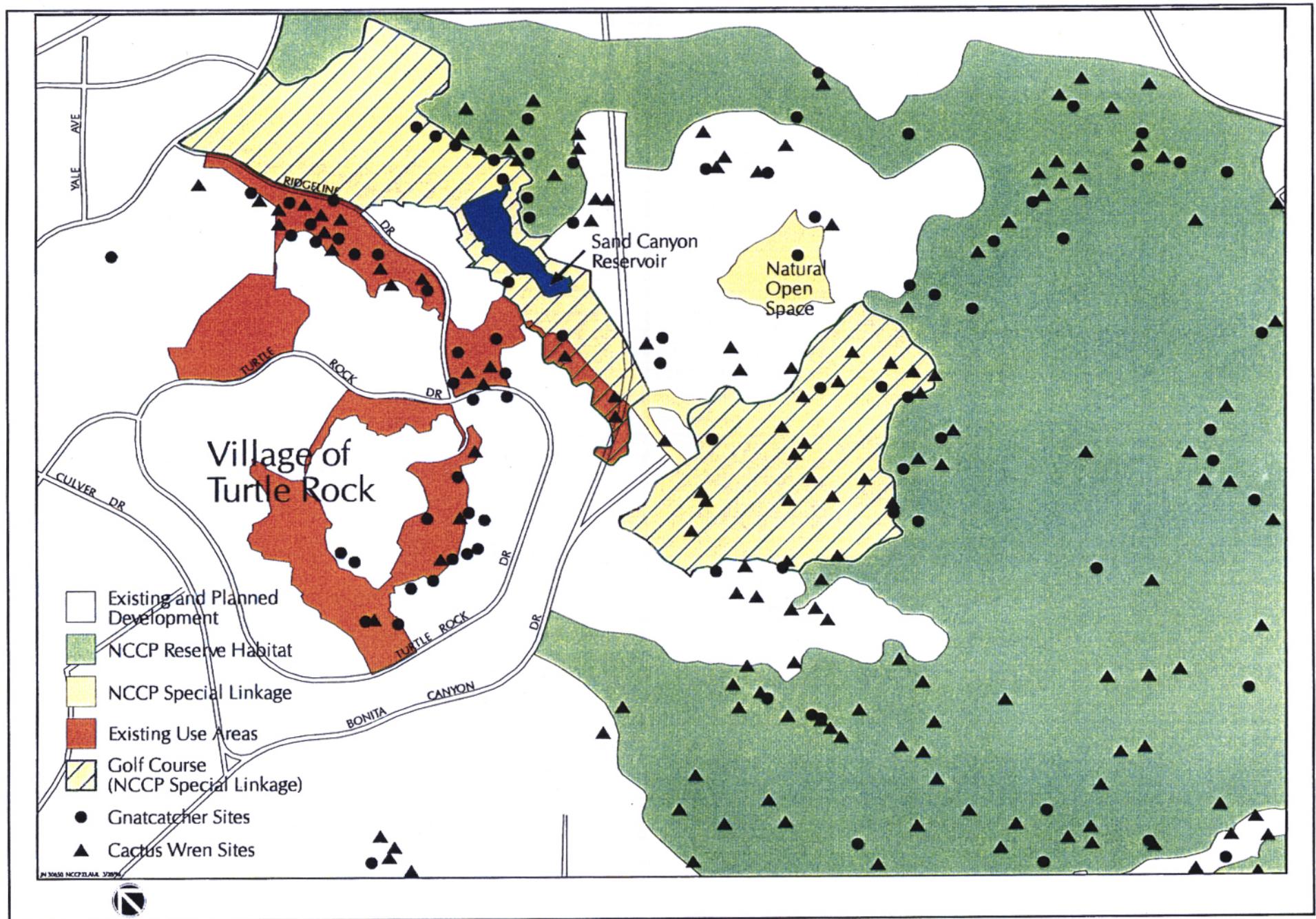


Figure 23



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**TIC Proposed (PA 22) Shady Canyon
Special Linkage Illustration**

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North Ranch Policy Plan Area

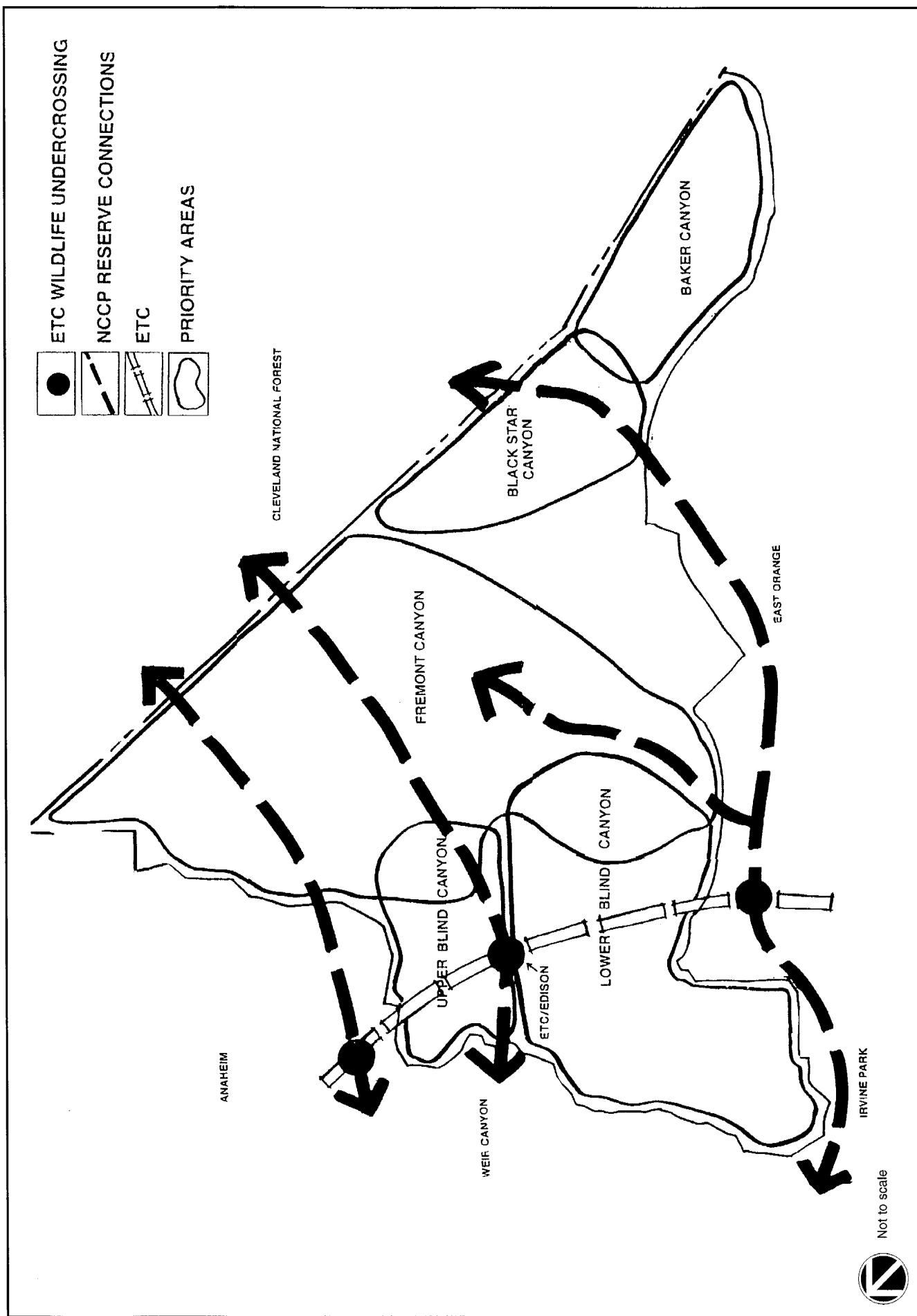
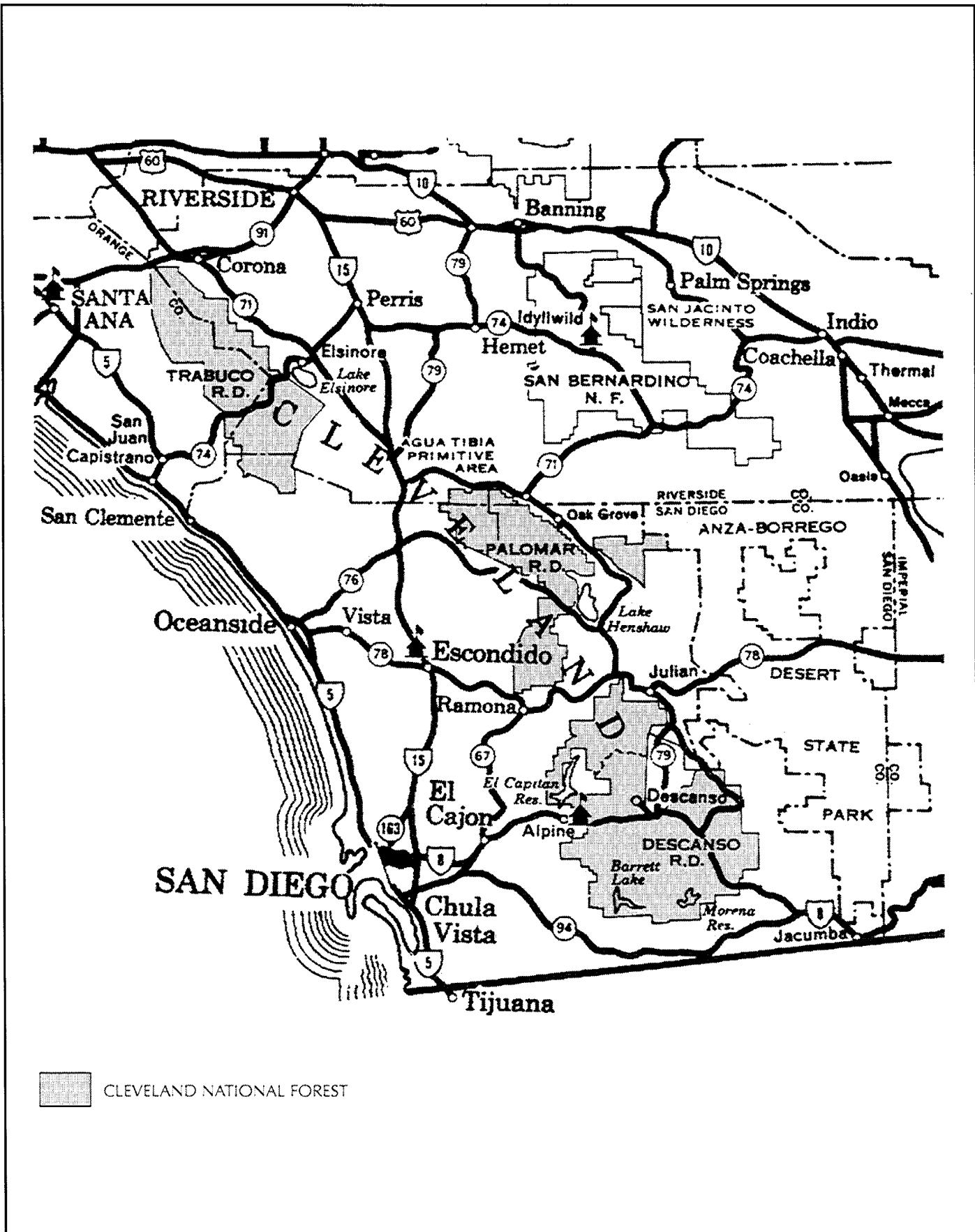


Figure 24

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Figure 25

Cleveland National Forest

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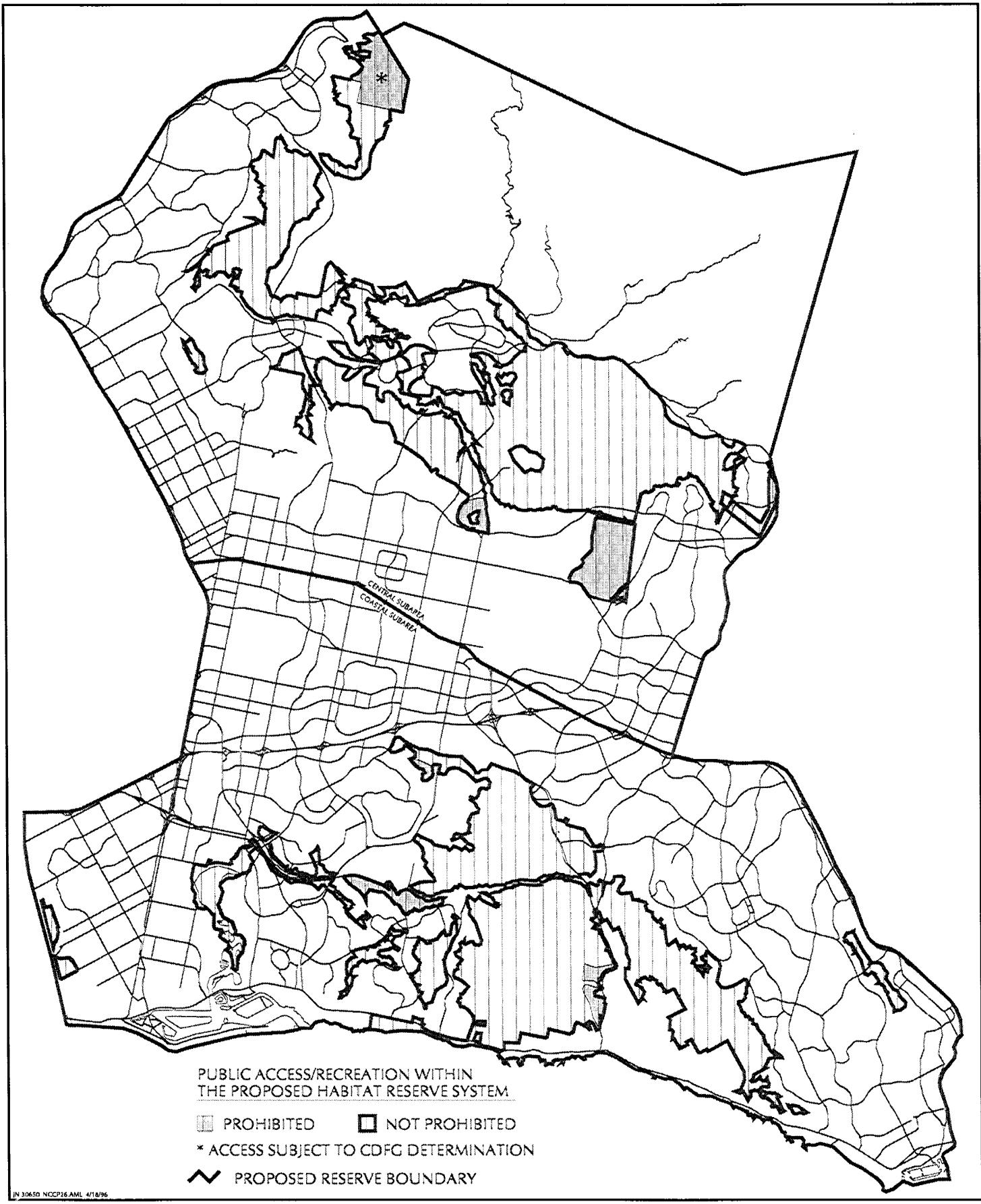
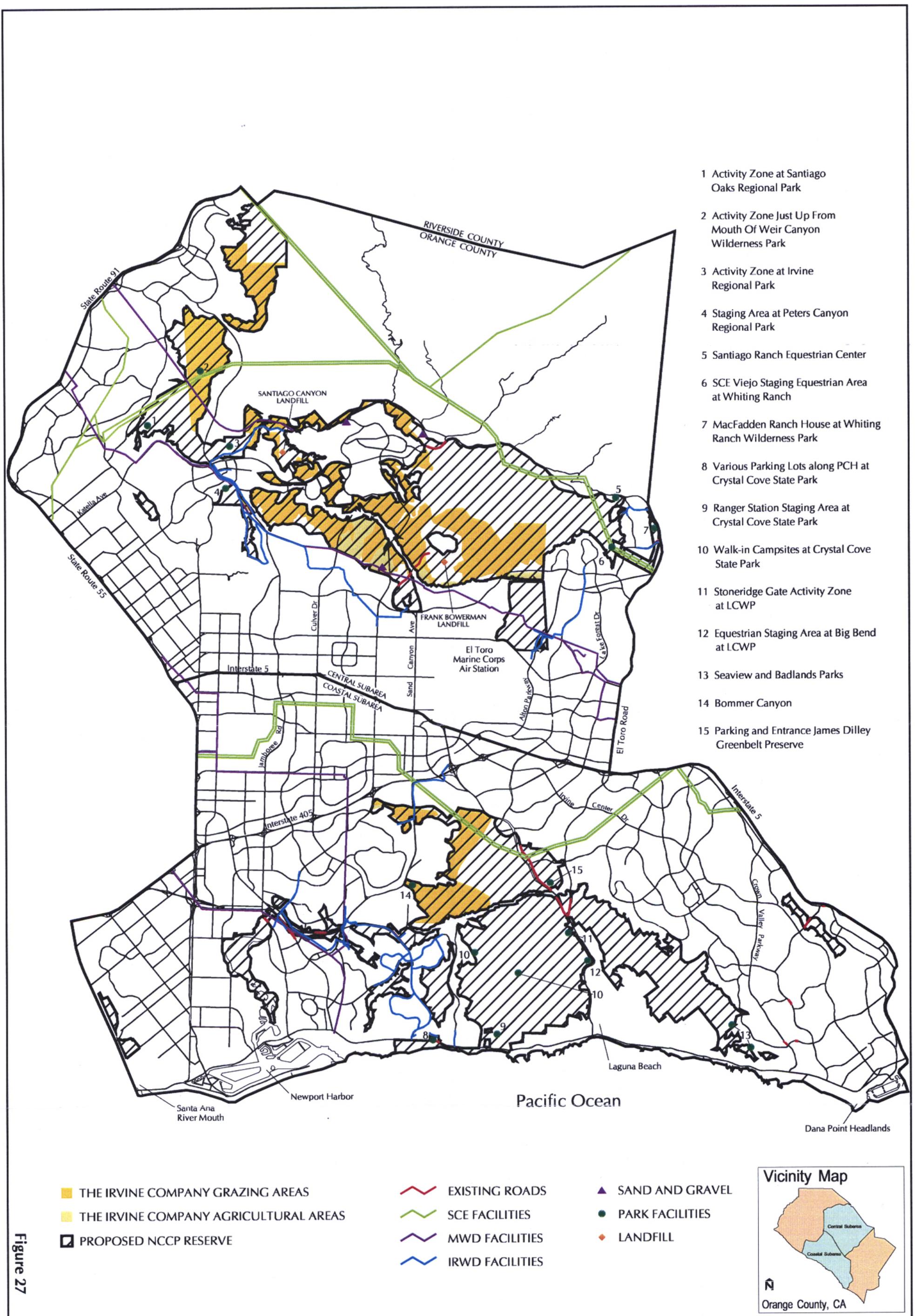
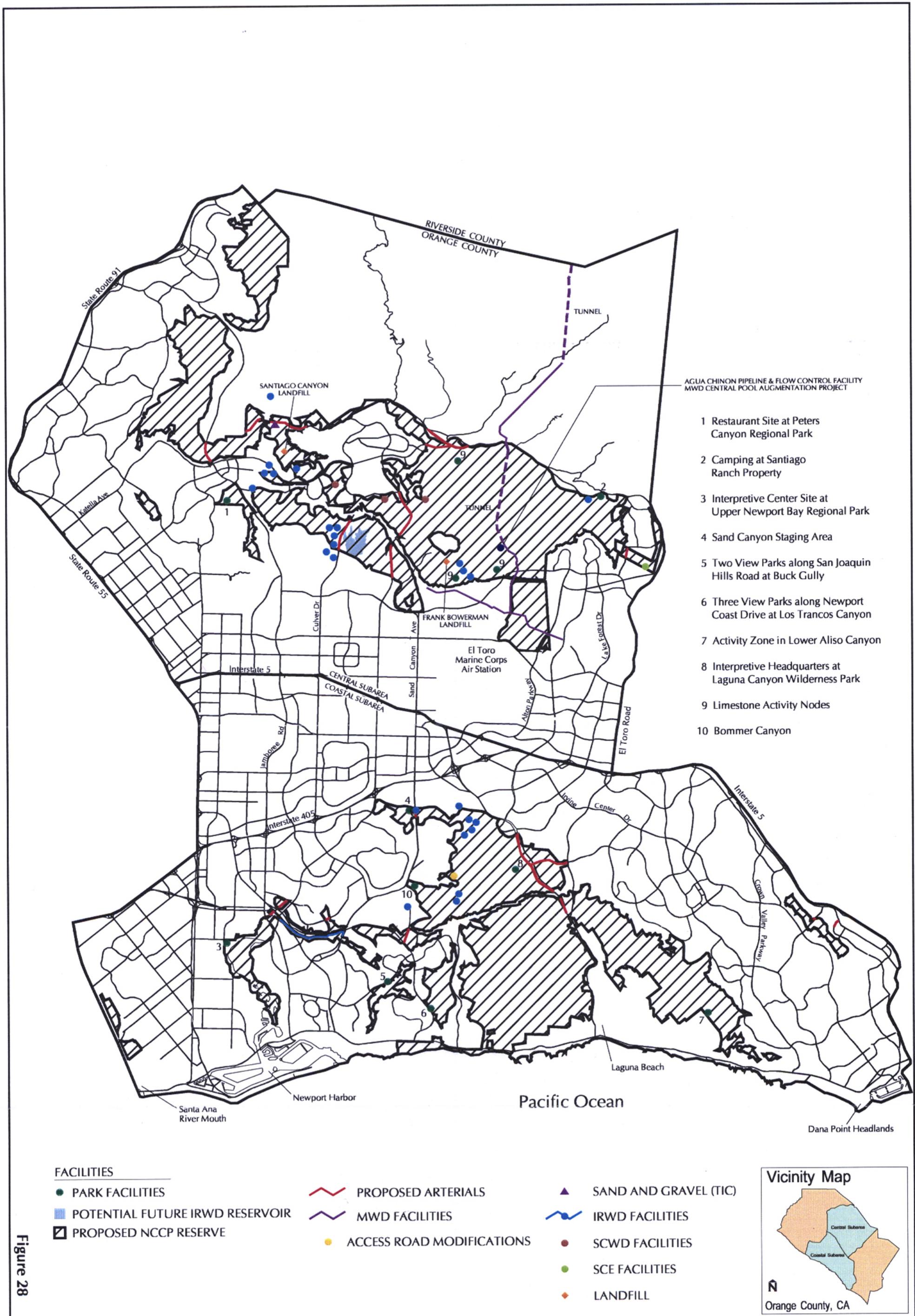


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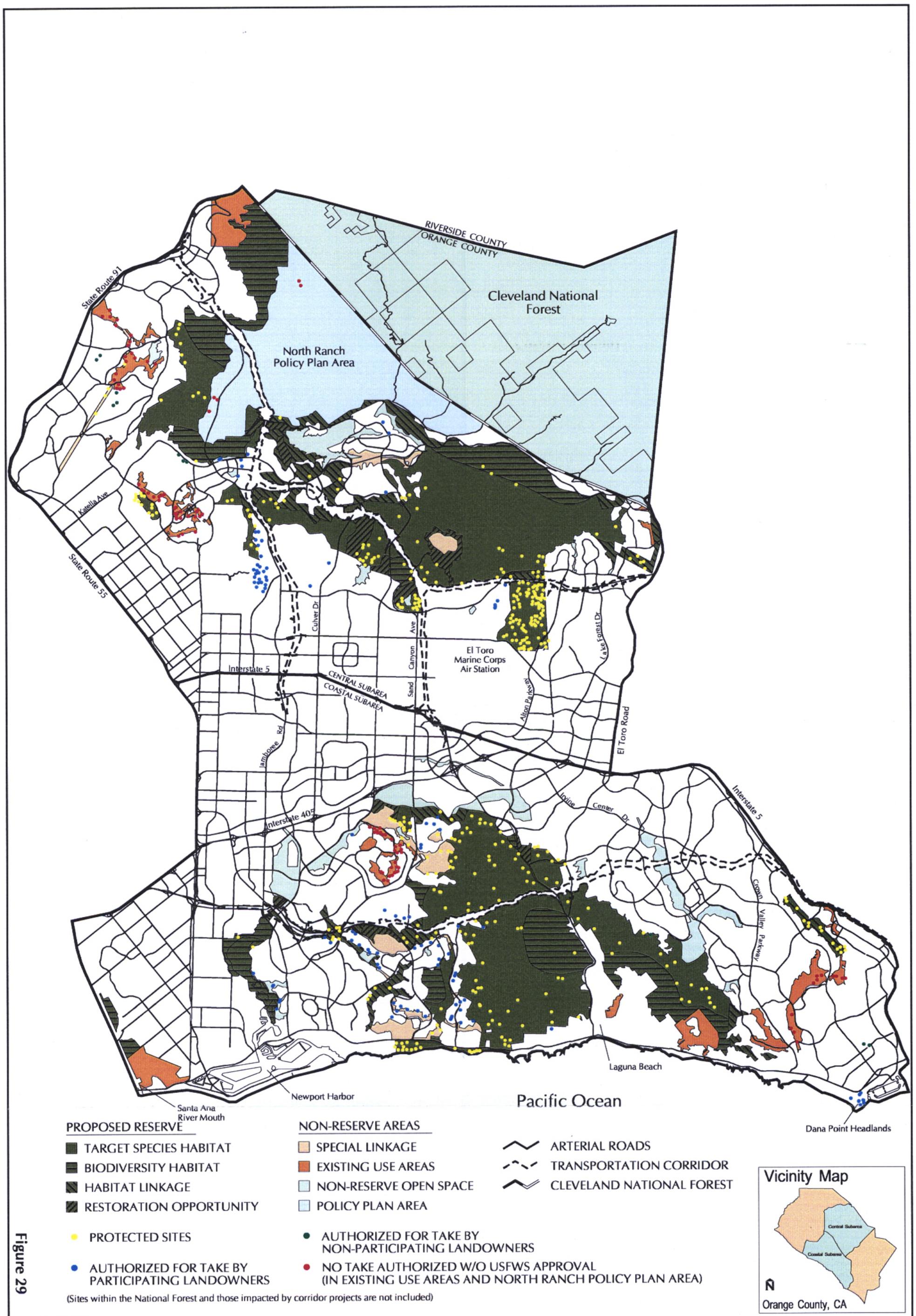
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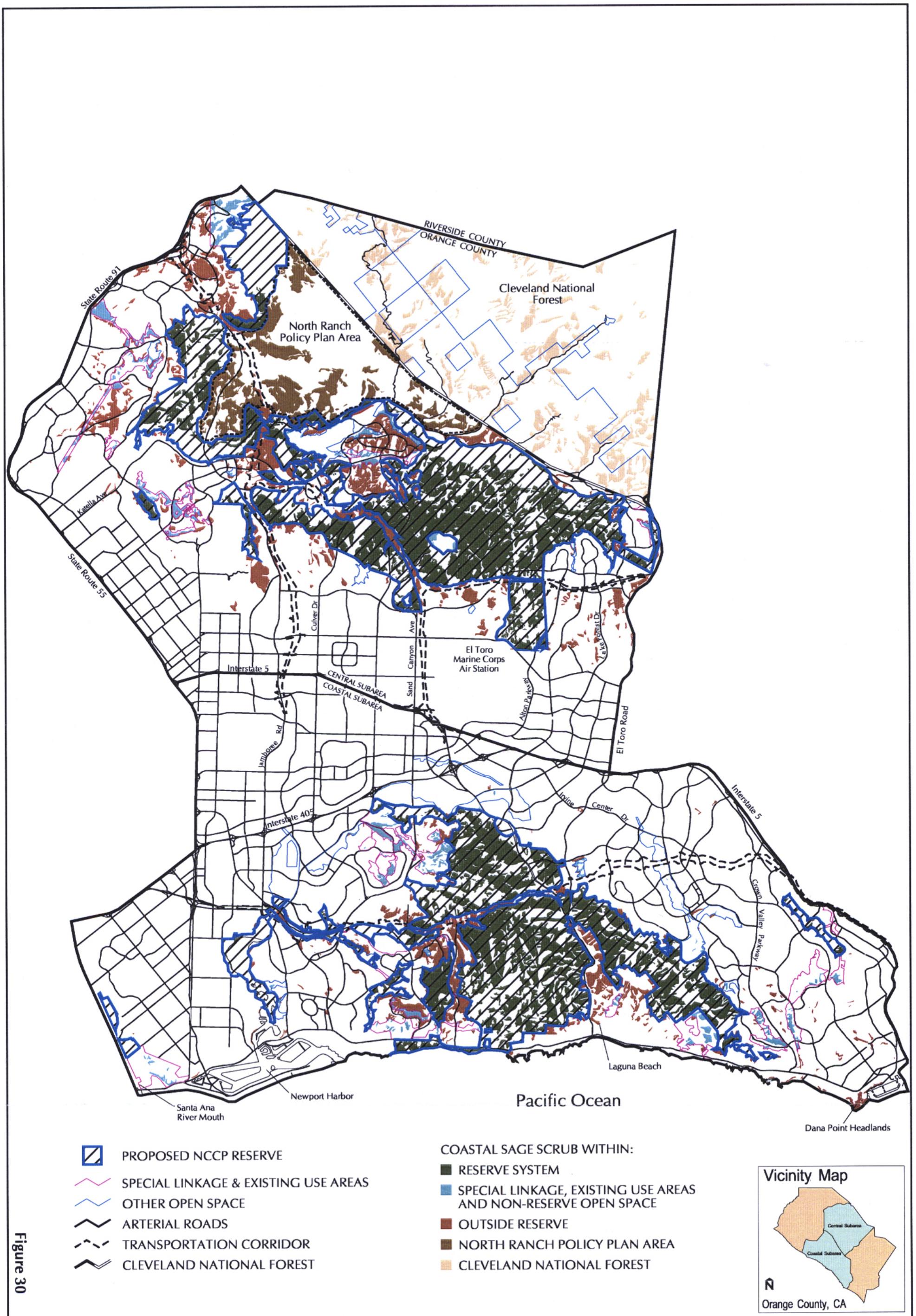
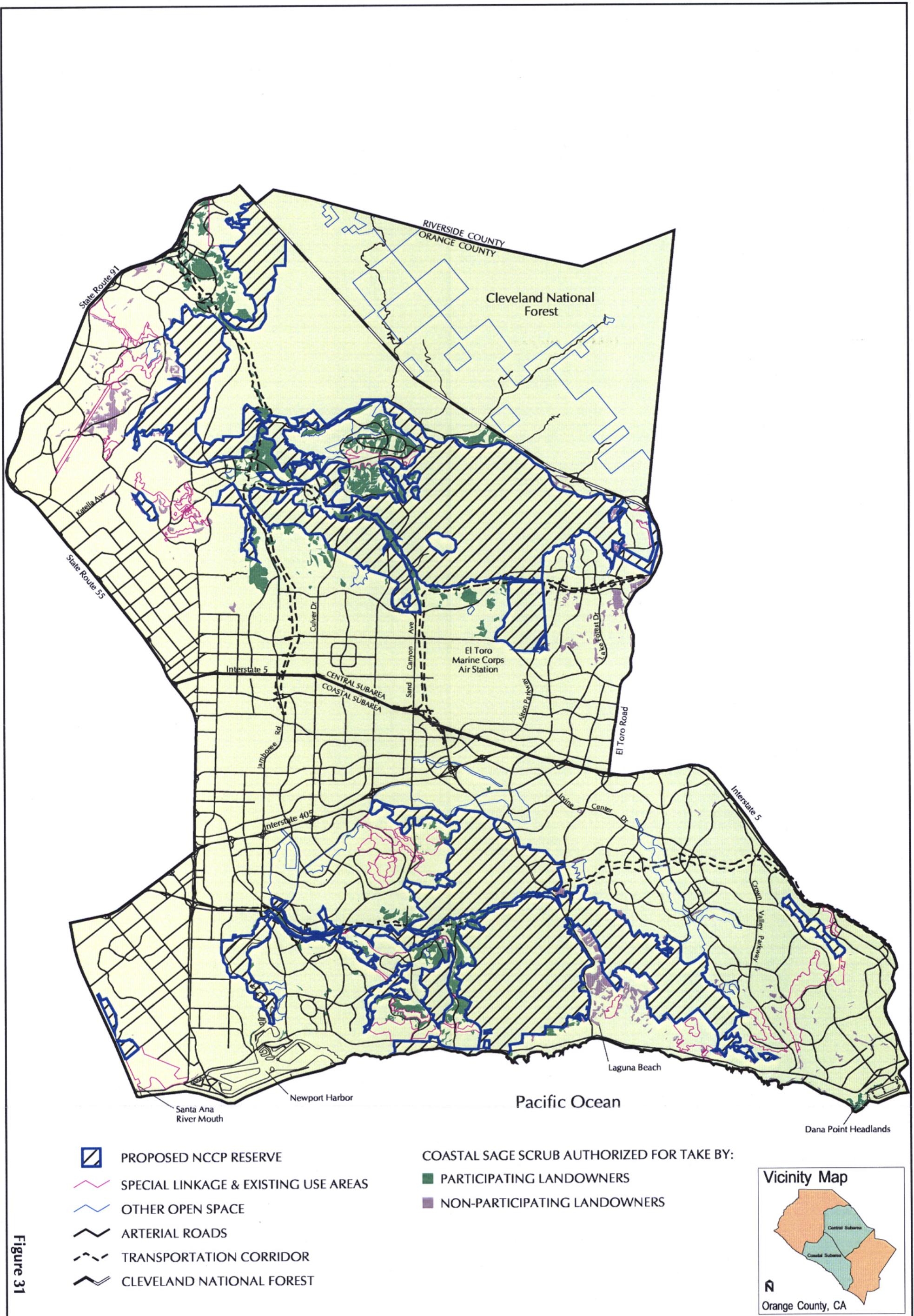


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**Authorized CSS Take for Participating
and Non-Participating Landowners
Within Other Non-Reserve Areas**
Central and Coastal Subregion NCCP

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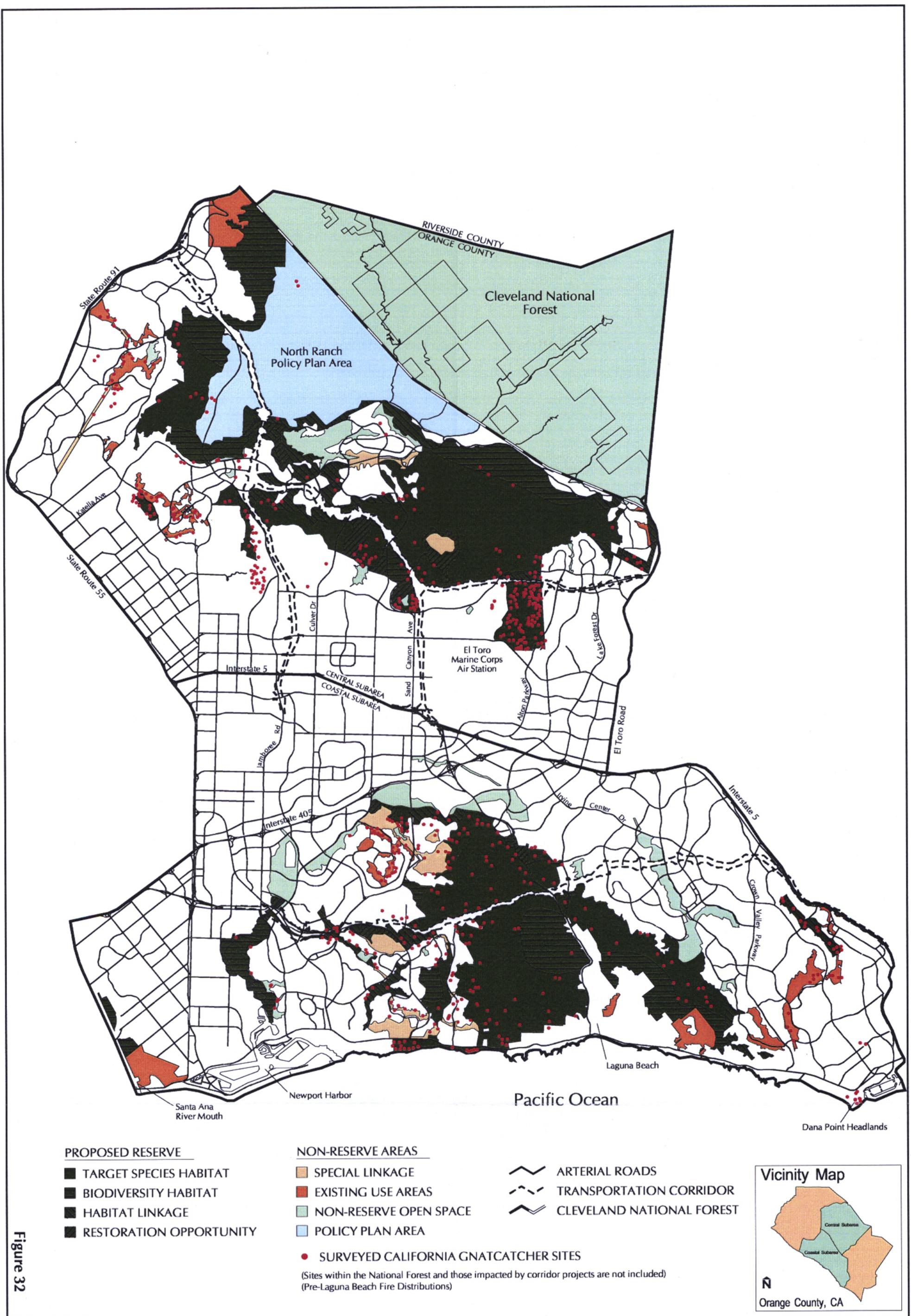


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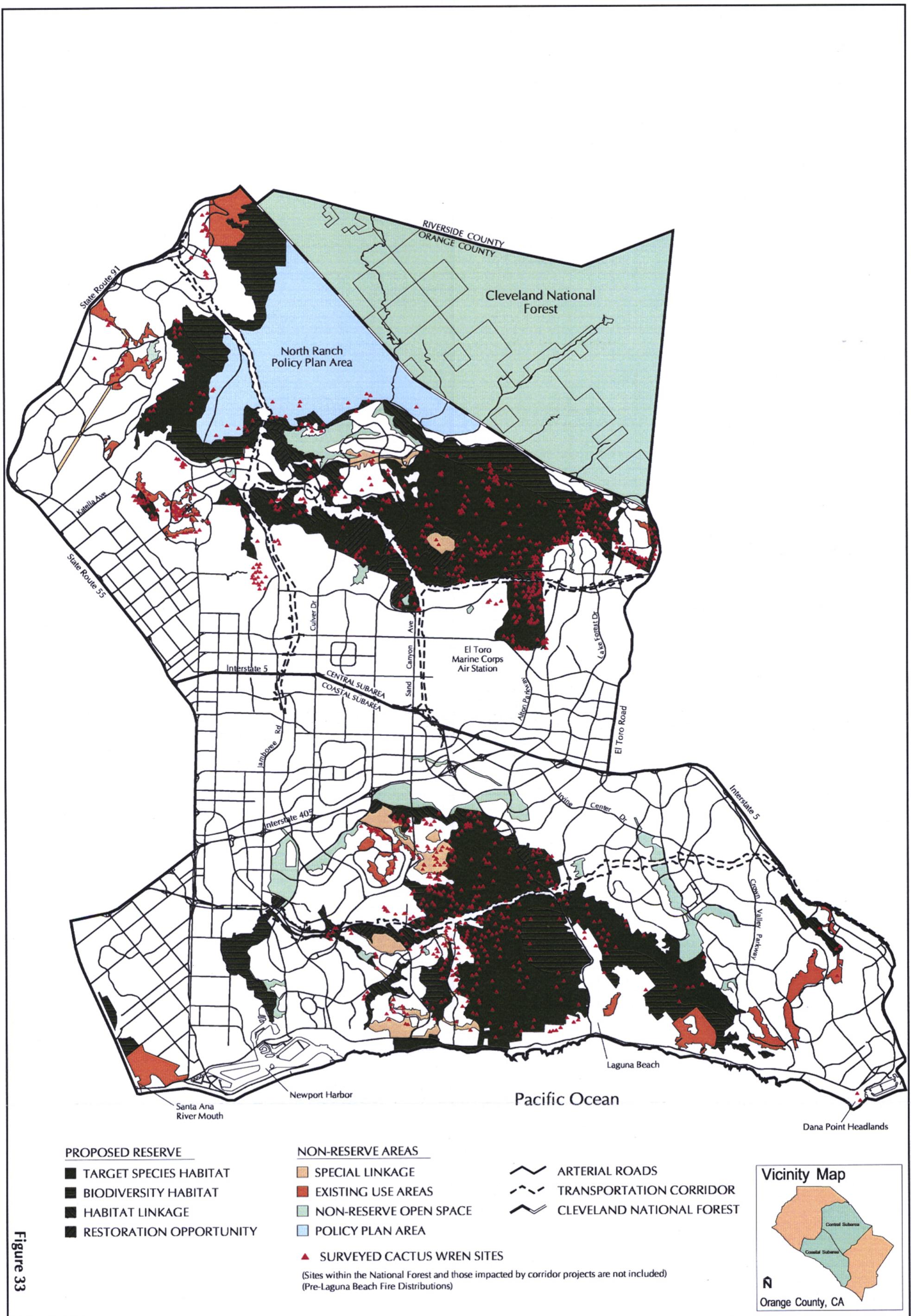


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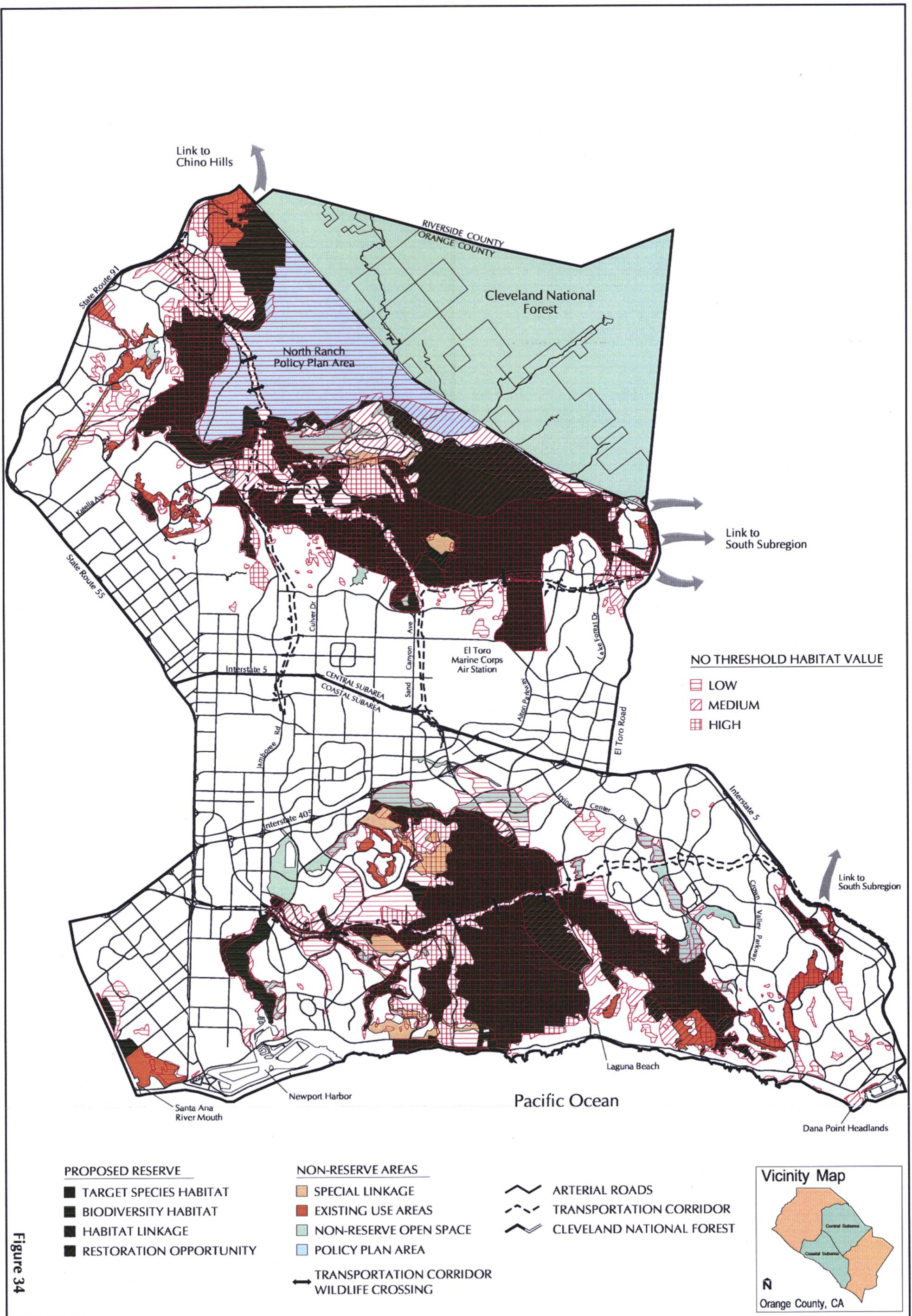


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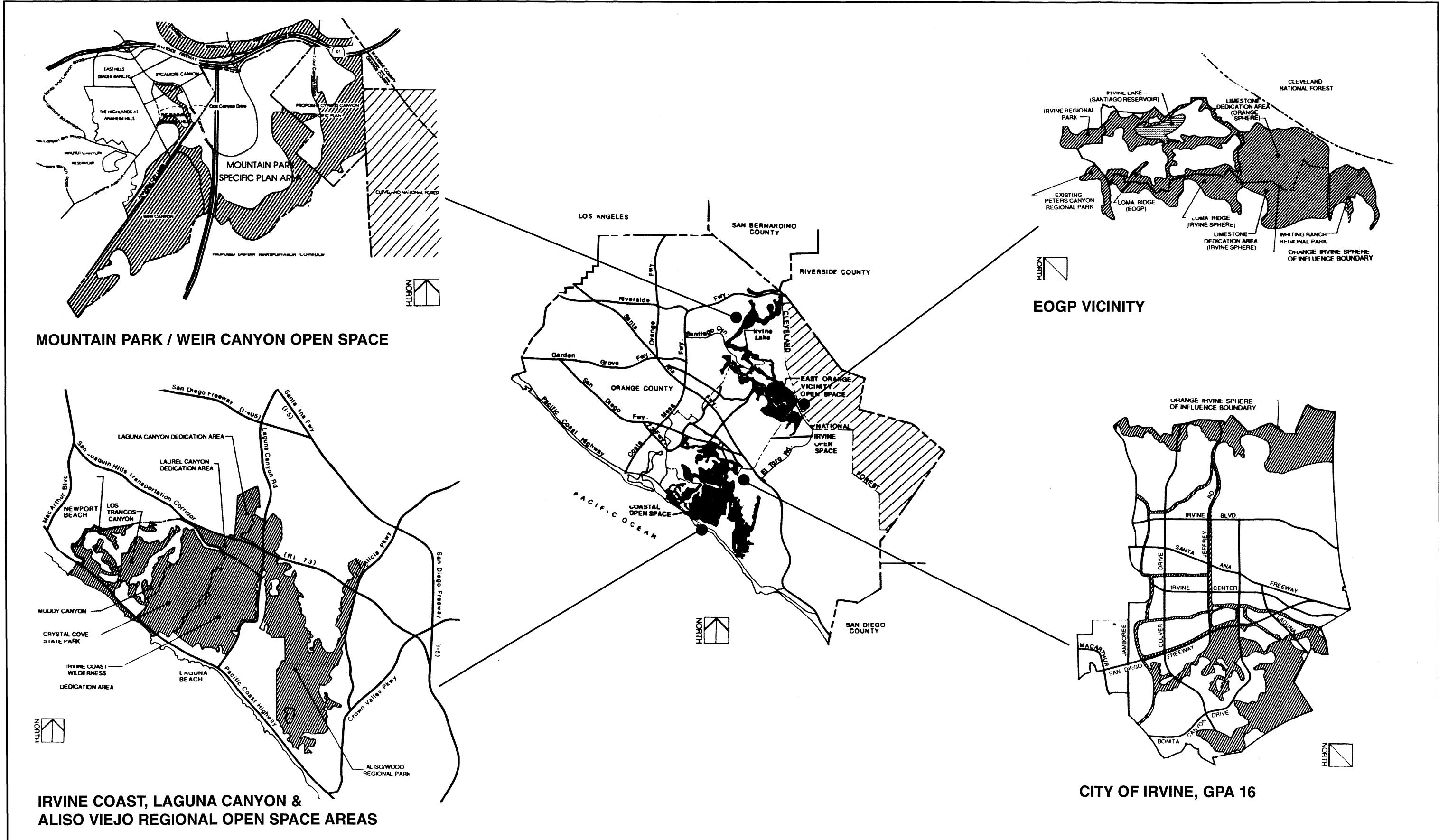


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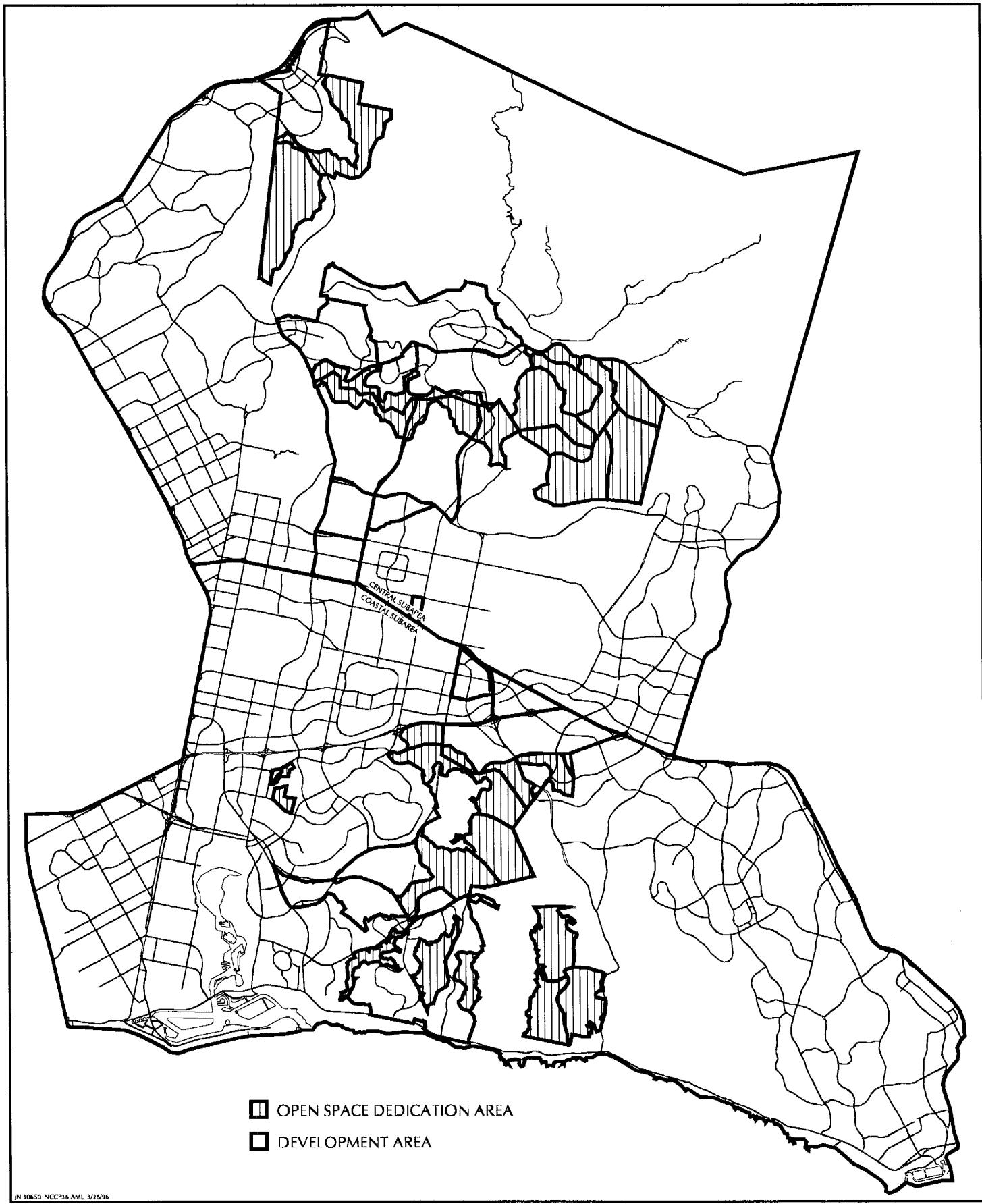


Figure 36
Irvine Company Lands
Pre NCCP
Phased Dedication Areas
Central and Coastal Subregion NCCP

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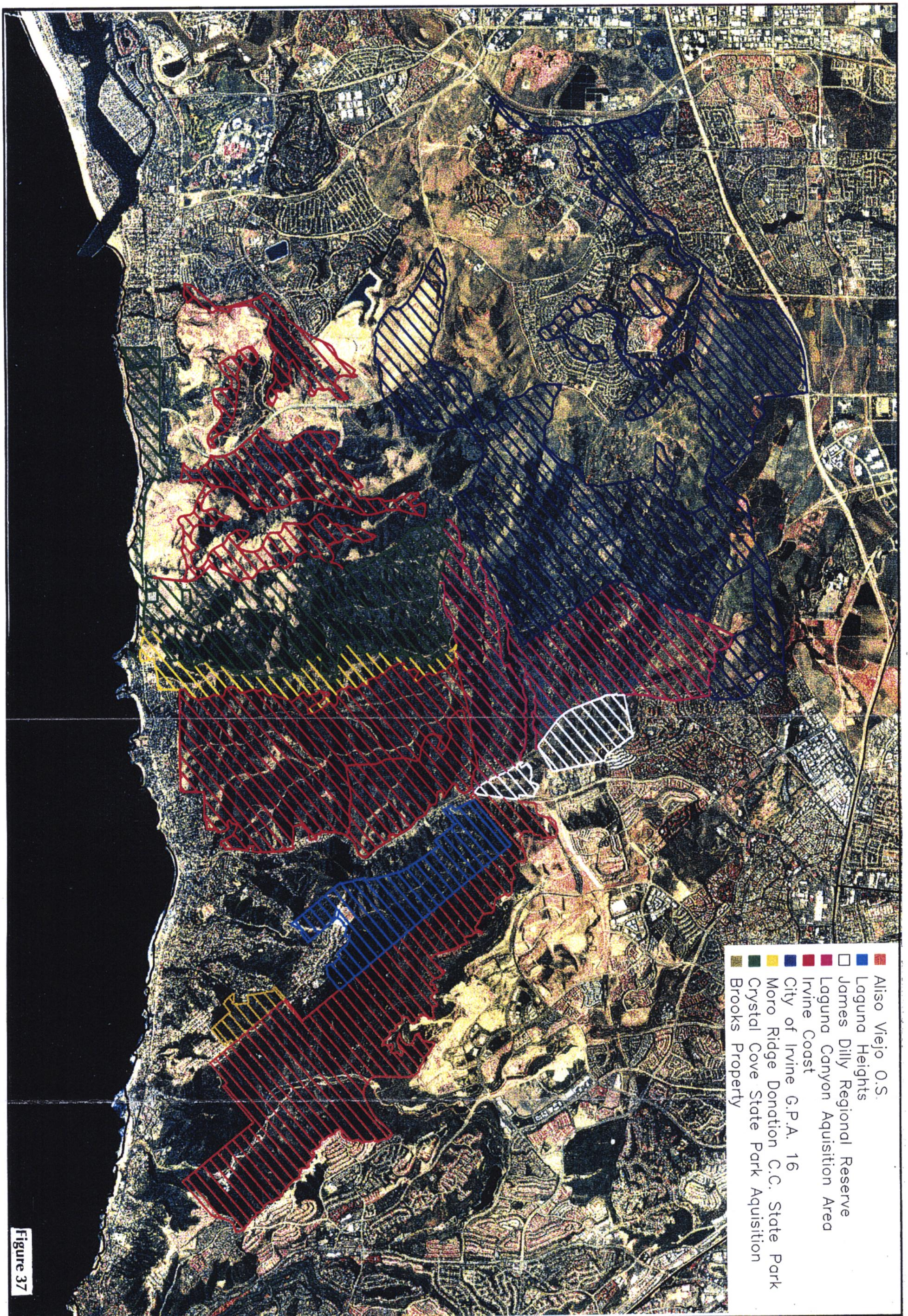


Figure 37



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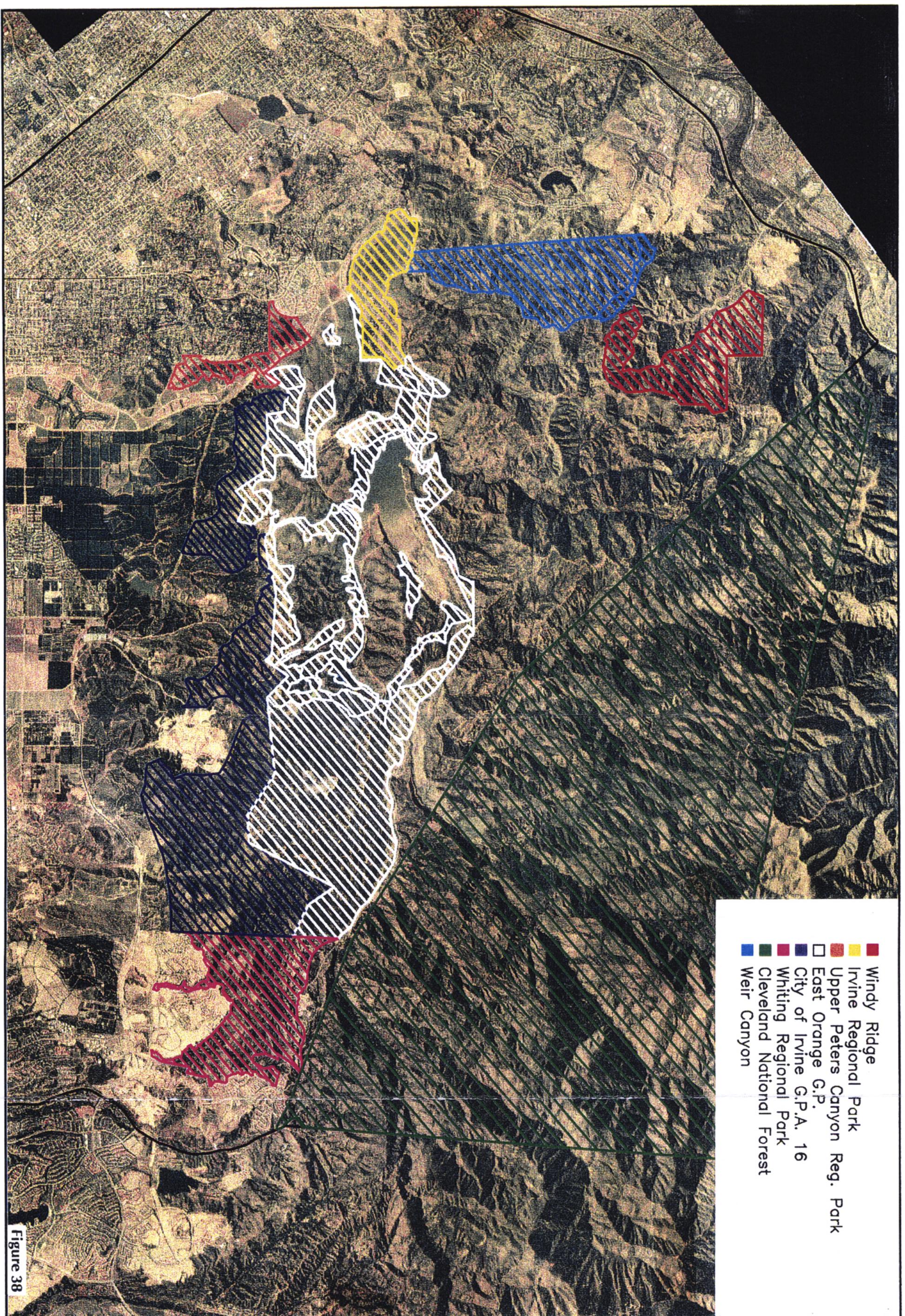


Figure 38



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Central Subarea Pre-NCCP
Open Space Programs

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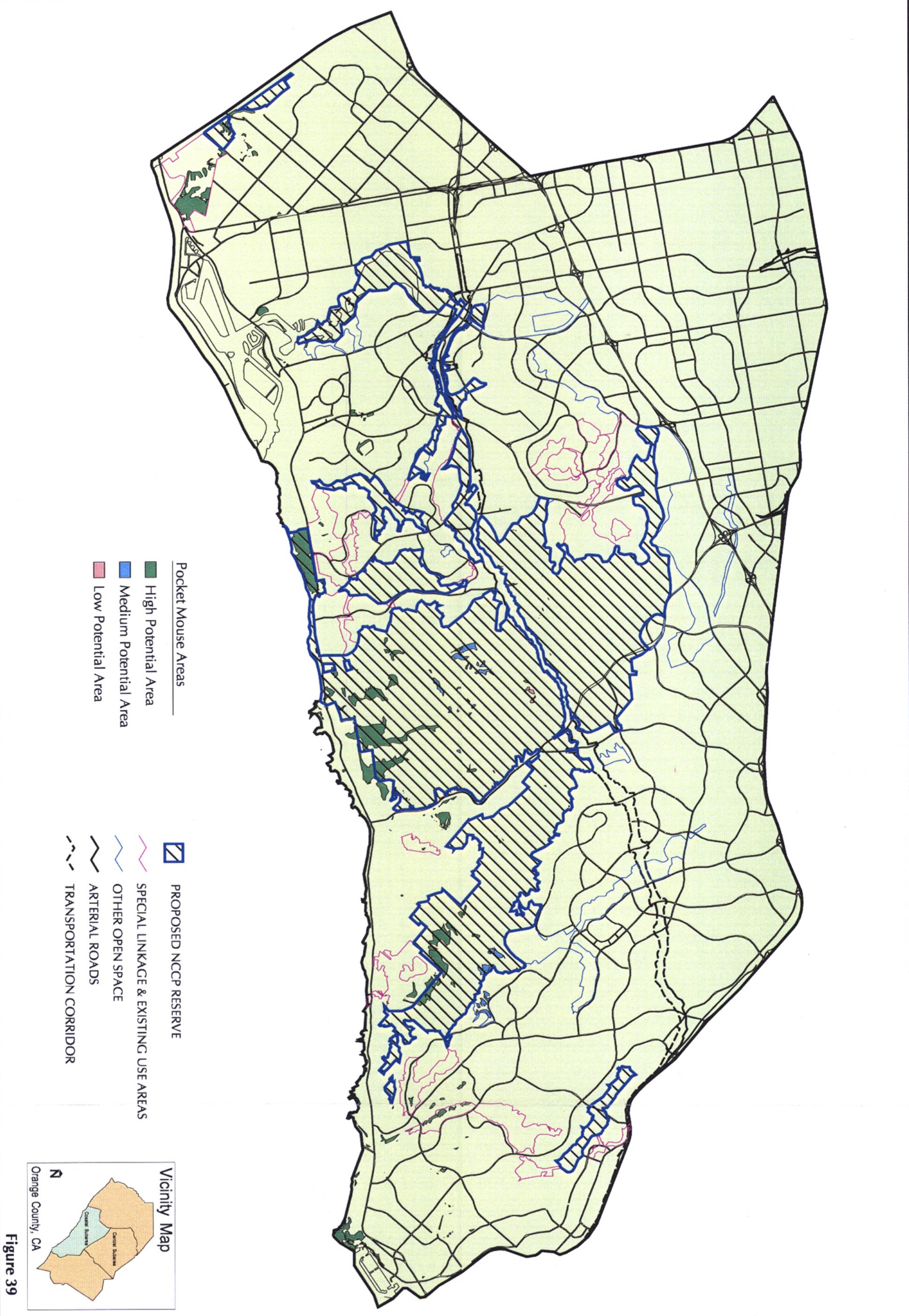
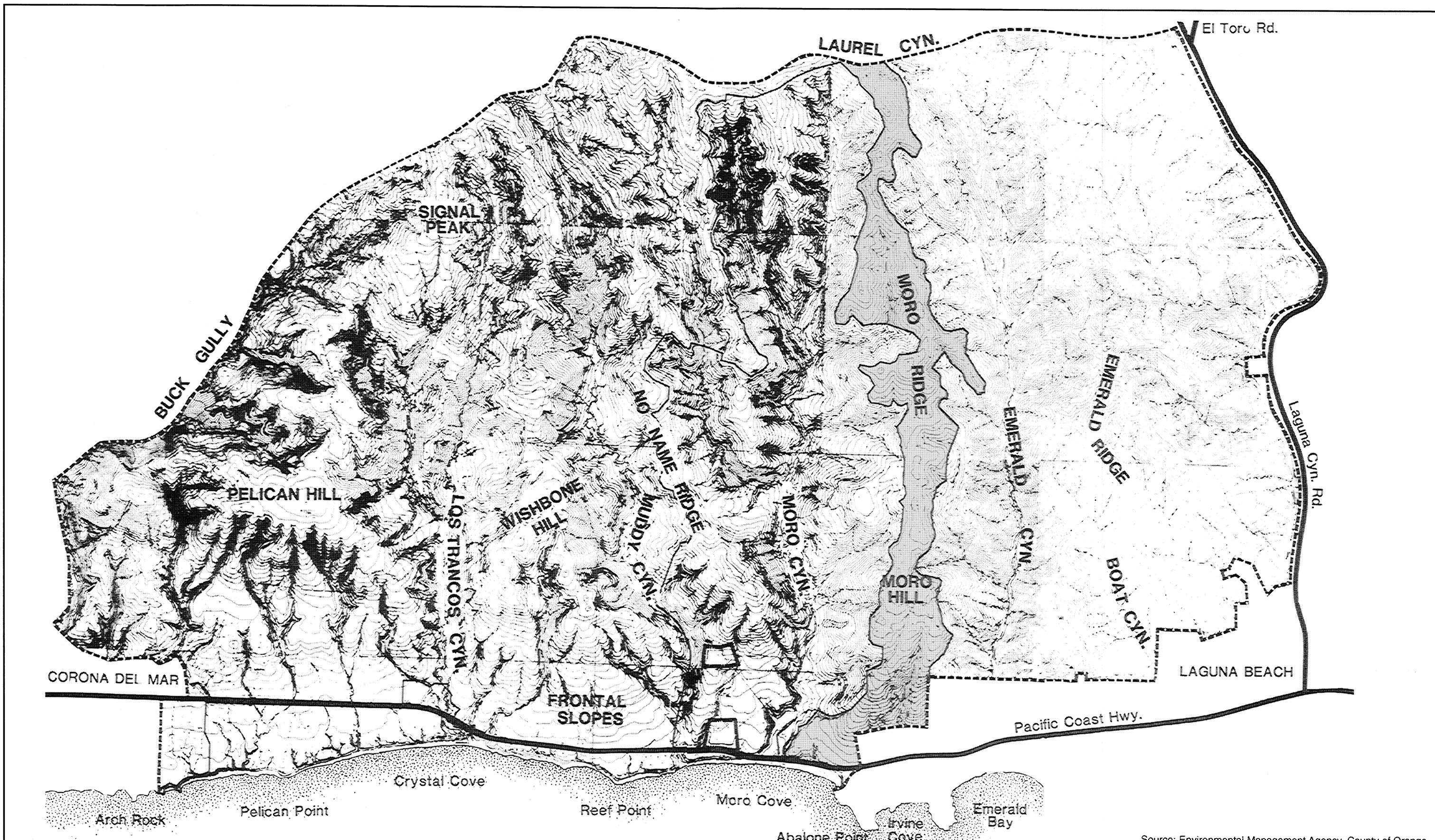


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Source: Environmental Management Agency, County of Orange



Original Scale: 1" = 2200'

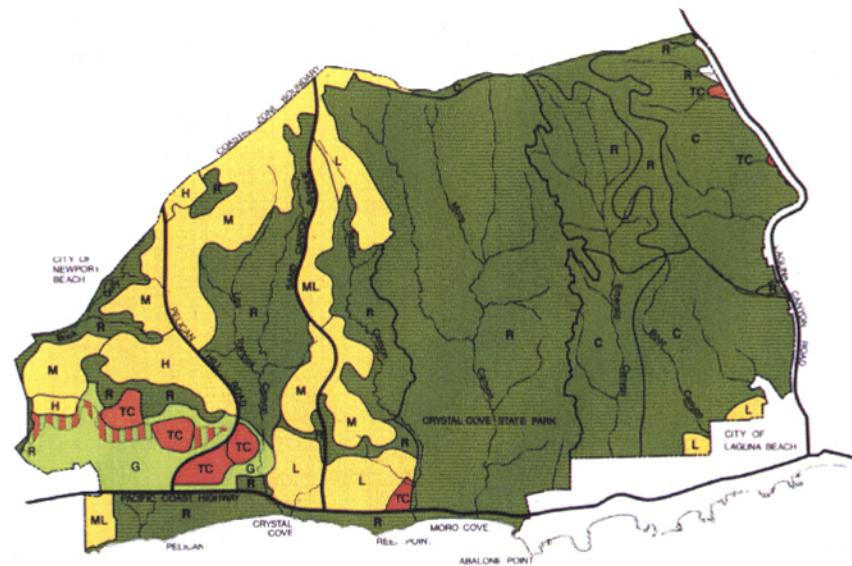


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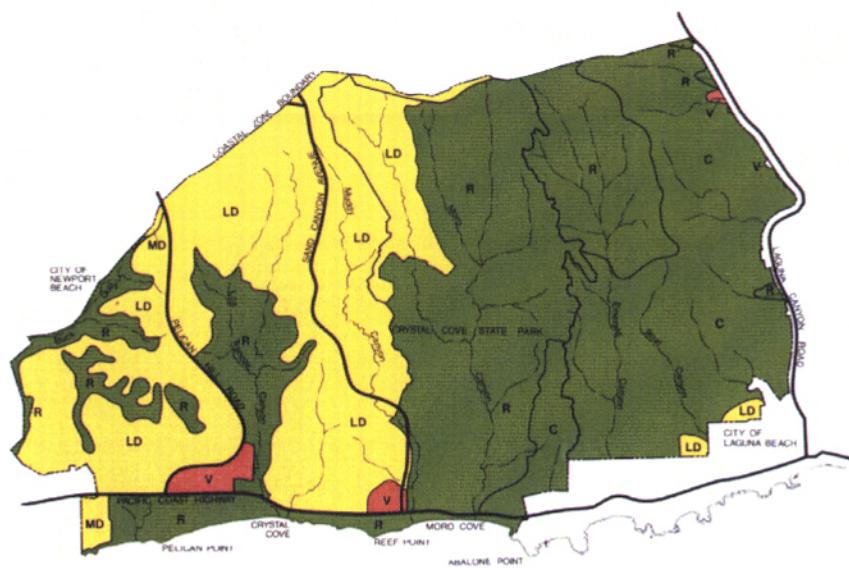
Figure 40

Moro Ridge Donation Area

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APPROVED LCP-1988



ORIGINAL LCP-1983

- [Yellow Box] RESIDENTIAL (L, ML, M, H)
- [Red Box] TOURIST COMMERCIAL (TC) (V)
- [Dark Green Box] RECREATION (R)
- [Medium Green Box] CONSERVATION (C)
- [Light Green Box] GOLF COURSE (G)



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Figure 41
Comparison of Approved and Proposed Land Use Plans
IRVINE COAST LAND USE PLAN AMENDMENT

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- CRYSTAL COVE STATE PARK
- DEDICATED PARK LANDS
- OTHER OPEN SPACE (OS)
- GOLF COURSE

This exhibit is for illustrative purposes only. It shows a development concept consistent with the proposed Land Use Plan. It is not a final development plan. Actual development will be located by detailed plans approved in accordance with the Land Use Plan.

* Future Laguna Coast Wilderness Park

Figure 42

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**Wilderness Dedication Area
IRVINE COAST LOCAL COASTAL PROGRAM**

Management Unit and Sequence Number



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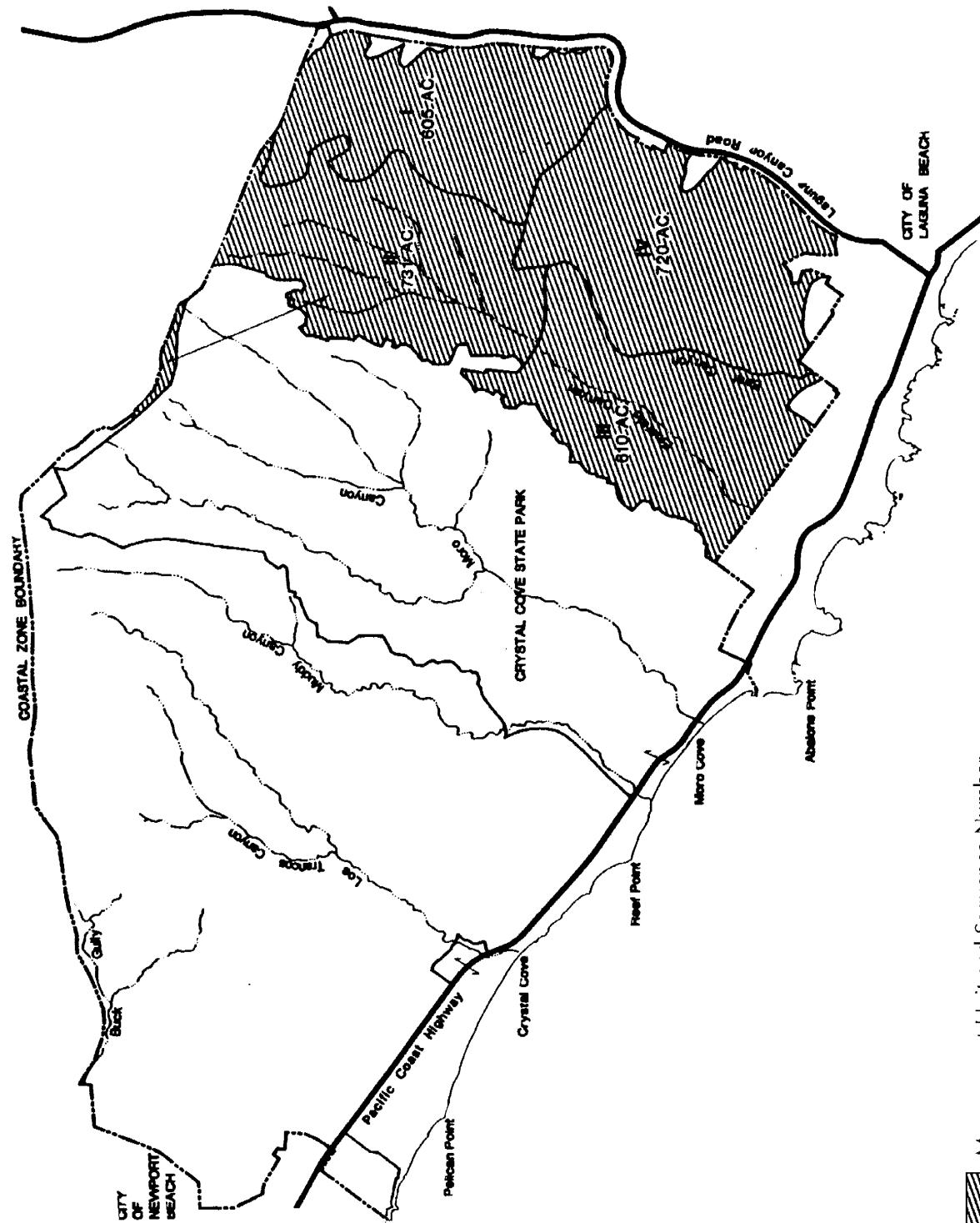
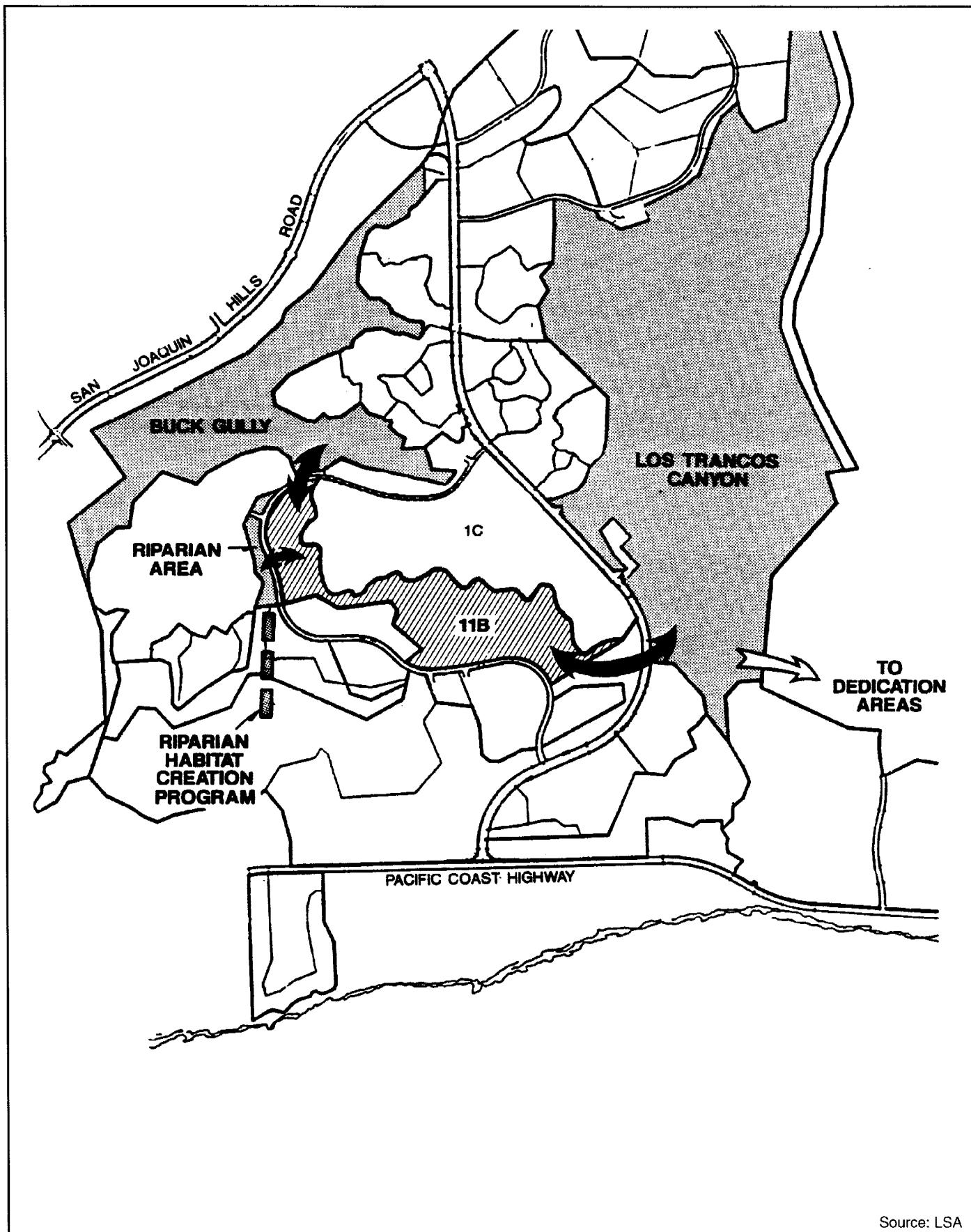


Figure 43

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Source: LSA

Figure 44

Potential Habitat Linkages (Adjacent Open Space)



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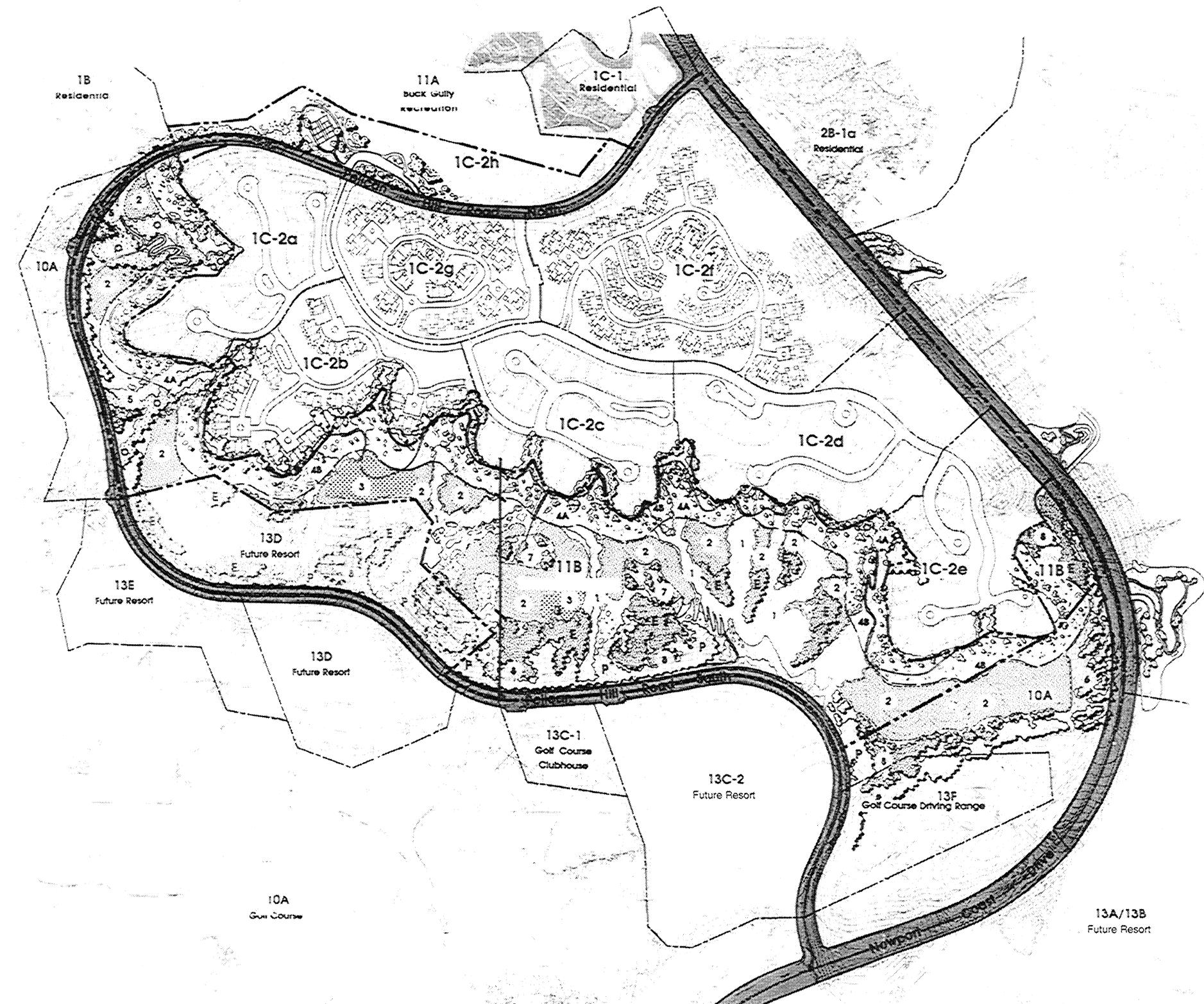
LEGEND

HABITAT ENHANCEMENT SPECIES

- ZONE 1 EXISTING HABITAT
- ZONE 2 HABITAT RESTORATION AREA
- ZONE 3 SENSITIVE SPECIES RELOCATION AREA
- ZONE 4A FUEL MODIFICATION DARK GREEN ZONE
- ZONE 4B FUEL MODIFICATION LIGHT GREEN ZONE
- ZONE 5 RIPARIAN LINKAGE
- ZONE 6 LOS IRANCOS CANYON LINKAGE
- ZONE 7 MEADOW PARKS
- ZONE 8 MANUFACTURED SLOPES

ORNAMENTAL LANDSCAPE SPECIES

- PINES
- EUCALYPTUS
- OAKS



Source: FORMA



Figure 45

**PA11B Landscape Concept
and Habitat Management Plan**

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 Road Segments Deleted

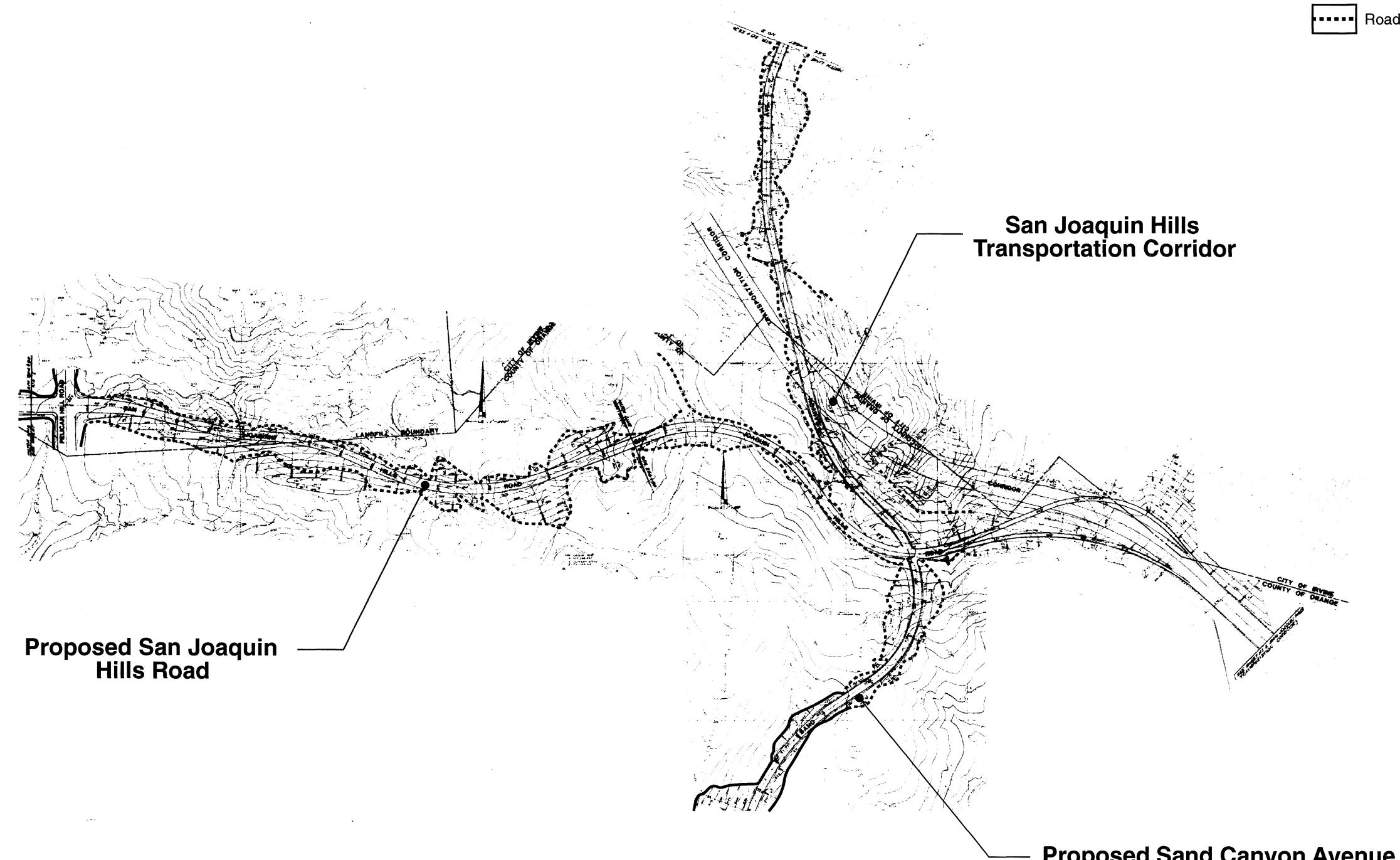
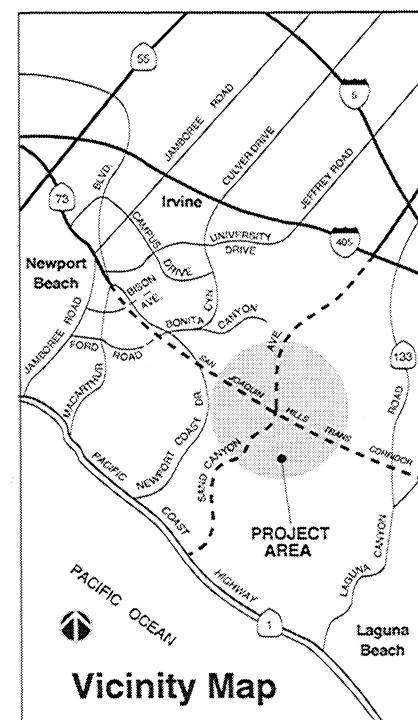
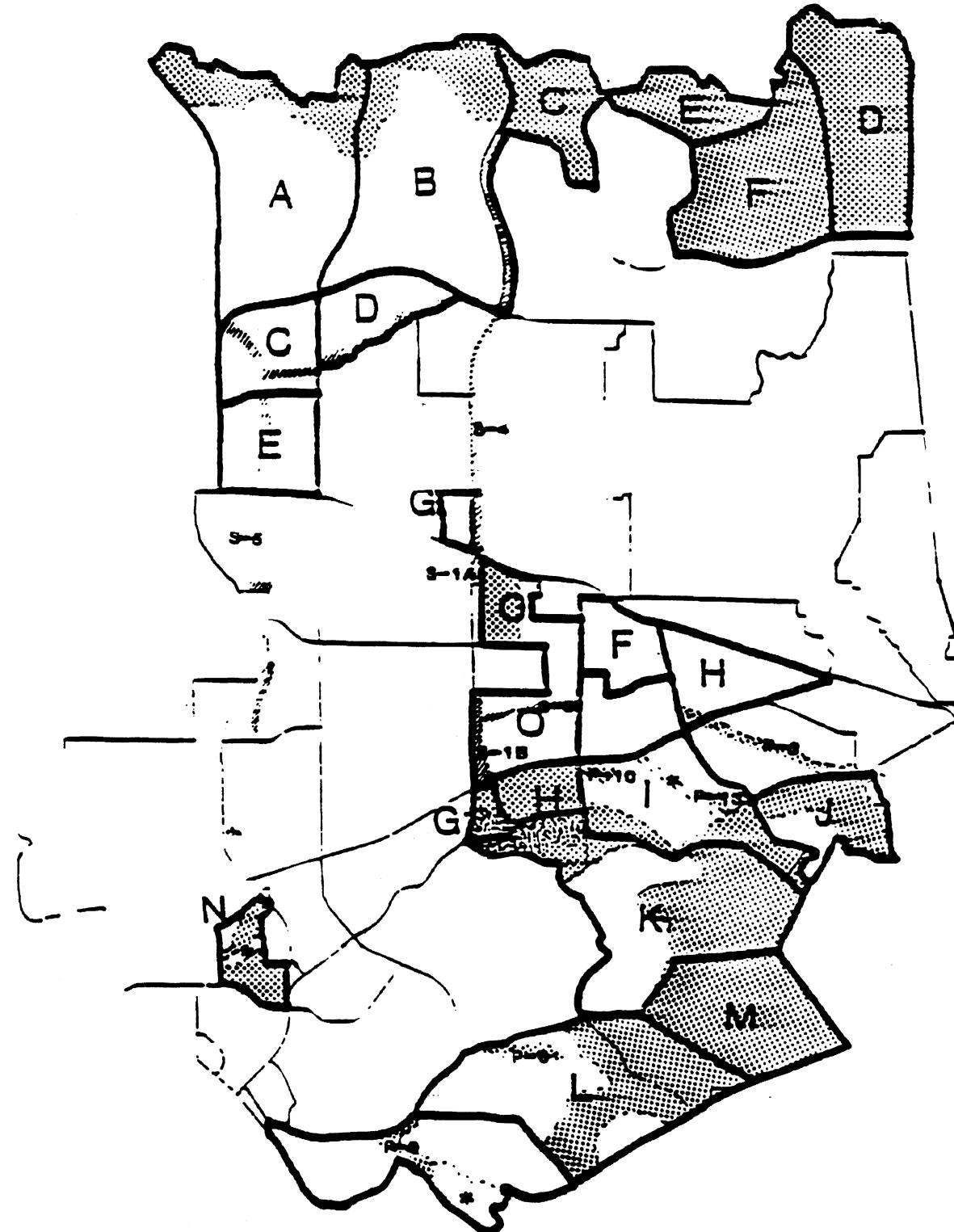


Figure 46

**Arterial Roadways Deleted-San Joaquin Hills Road Extension
Sand Canyon Avenue Inland of SJHTC
Sand Canyon Avenue/SJHTC Interchange**



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IMPLEMENTATION DISTRICTS LEGEND

District Boundary

District Boundaries have been drawn to certain development areas and preservation areas, which will be implemented together. Within each lettered district, preservation areas will be conveyed to the city or a public agency after building permits are issued in development areas in accordance with the provisions of the implementation action program.

Preservation Area

Preservation Areas are lands to be dedicated to the City or other public agency for permanent open space purposes. Numbered preservation area (e.g., "P-10") are not a part of Implementation Districts and will be offered for dedication separate from unnumbered preservation areas.

Development Area

Development areas are designated for residential, commercial, and/or industrial land uses in the Irvine General Plan and for specific intensities as shown in Figure A-20.

Spine

Open space spines are not a part of Implementation Districts and will be offered for dedication separate from Preservation Areas in conjunction with the development of adjoining land. Spines have been numbered for general reference.

Note: Areas shown with an asterisk are not a part of the Implementation District.

* Note: Areas with asterisk or number are not a part of implementation district. Please refer to legend and notes on following pages.

Source: City of Irvine General Plan

Figure 47

Tab placeholder.

DISTRICT	(4) DWELLING UNITS	(4) COMMERCIAL SF	(4) INDUSTRIAL SF	(4) DEVELOPMENT ACRES	PRESERVATION AREA ACRES (1) (4)
A	4,627	23,769	0	1,532	530
B	3,286	0	0	1,441	487
C	3,900	255,077	0	410	532
D	2,885	23,769	0	551	961
E	4,745	72,680	0	615	350
F	0	0	4,700,000	361	1,266
G	0	500,000	0	68	27
H	0	1,800,000	0	NA	298
I(3)	2,030	300,000	910,000	588	589
J(3)	750	0	0	205	445
K(3)	2,360	0	0	888	837
L(3)	3,460	0	0	907	1,054
M(2)	2,000	600,000	0	588	1,088
N	1,000	0	0	25	192
O	4,050	1,575,000	2,372,931	552	176

1. All acres are estimates of gross acres and are subject to refinement. Acreages will be refined and allocated to specific land use categories in subsequent planning processes. Preservation Areas on this exhibit do not include Spines and Minor Preservation Areas as described in Objective A-2(b).
2. These figures may be adjusted according to the provisions of Objective A-4(d).
3. The distribution of dwelling units among these planning areas may be adjusted according to provisions of Objective A-2(h).
4. Data adjustments will be accounted for in the Development Monitoring Program.

Figure 48

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Pre City of Irvine GPA-16



Post City of Irvine GPA-16

- Residential
- Commercial
- Open Space



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Figure 49

Comparison of Pre GPA-16 and Post GPA-16 Land Use Plans

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City of Irvine PA-22 Preservation Area K

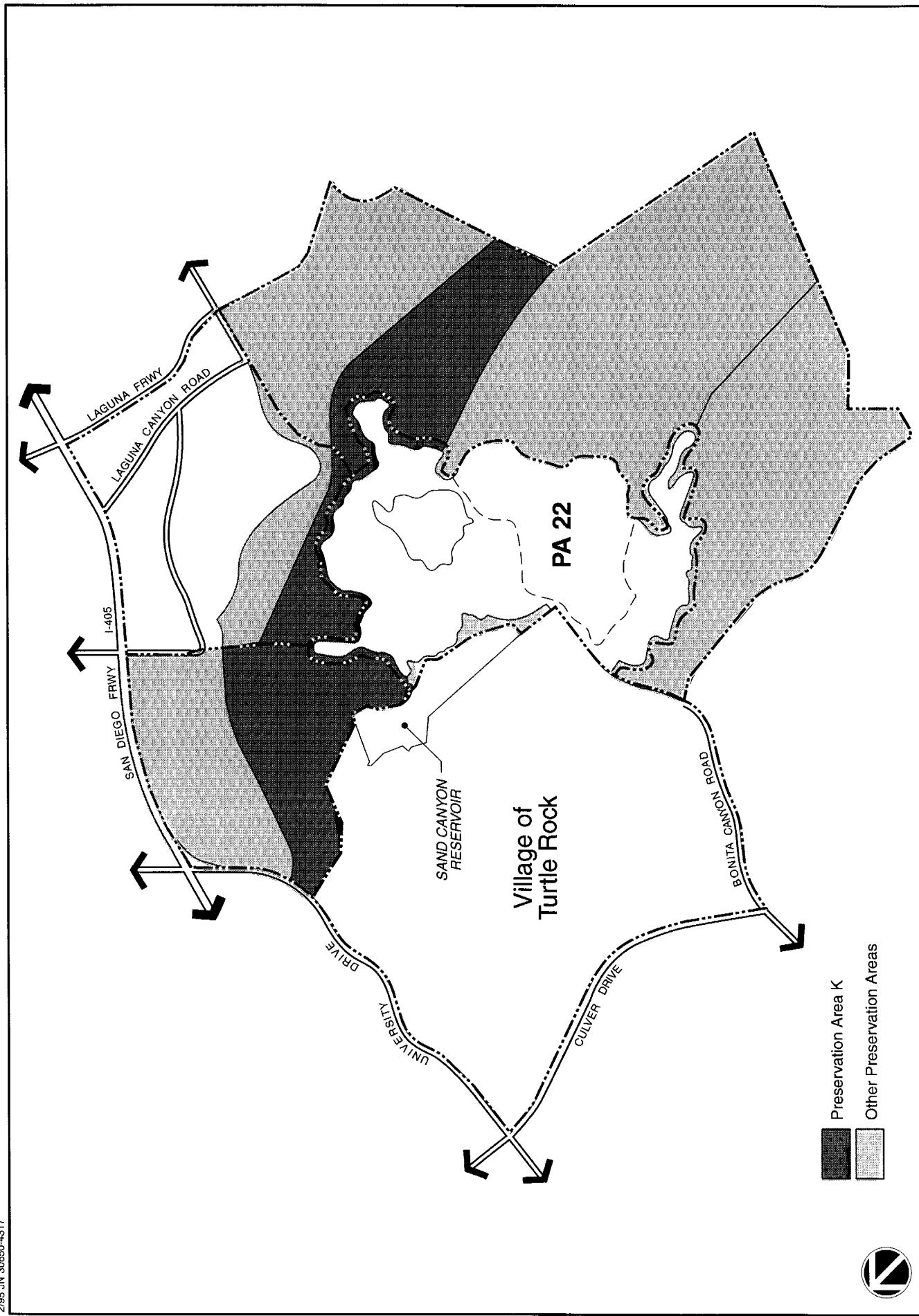


Figure 50

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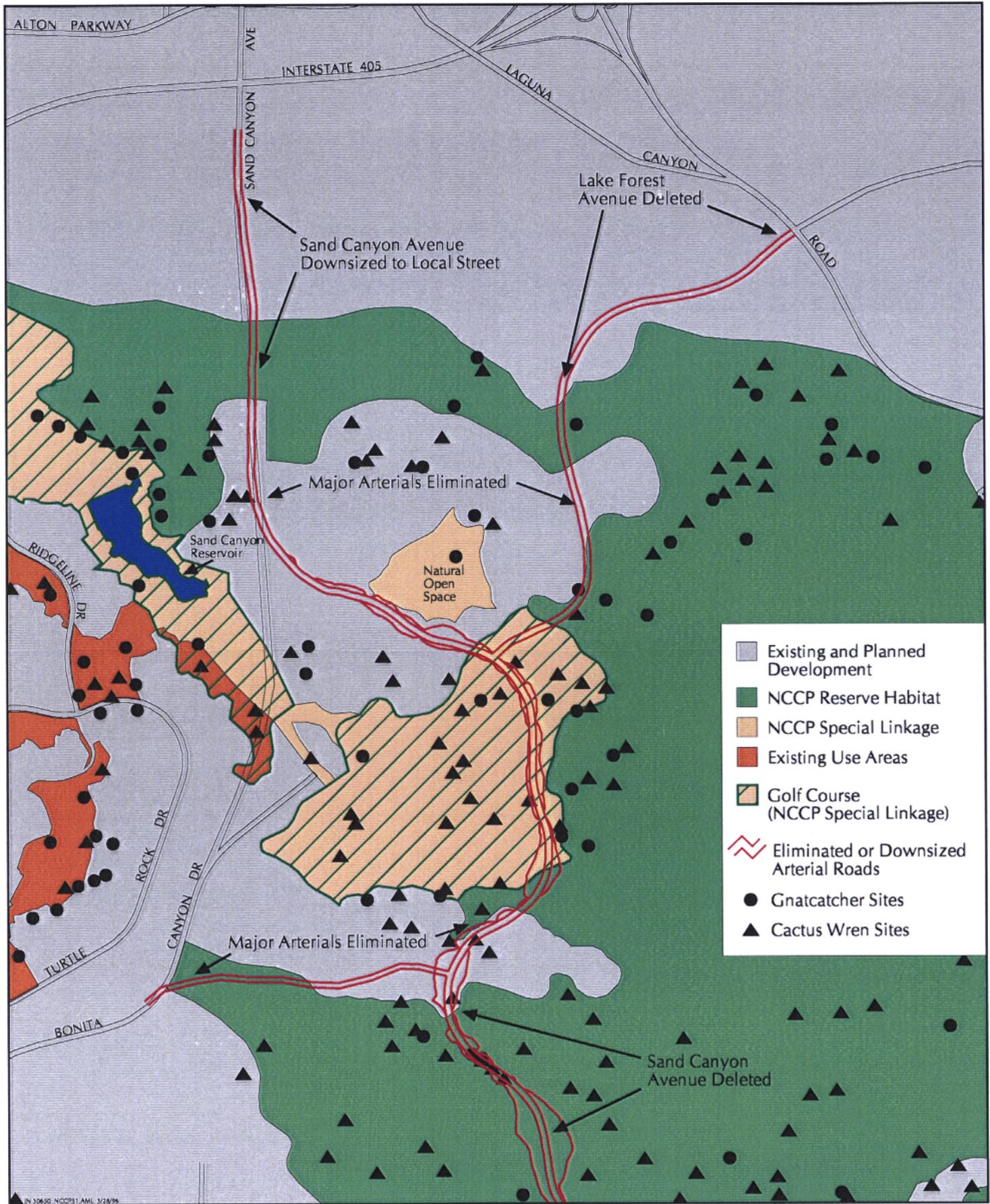
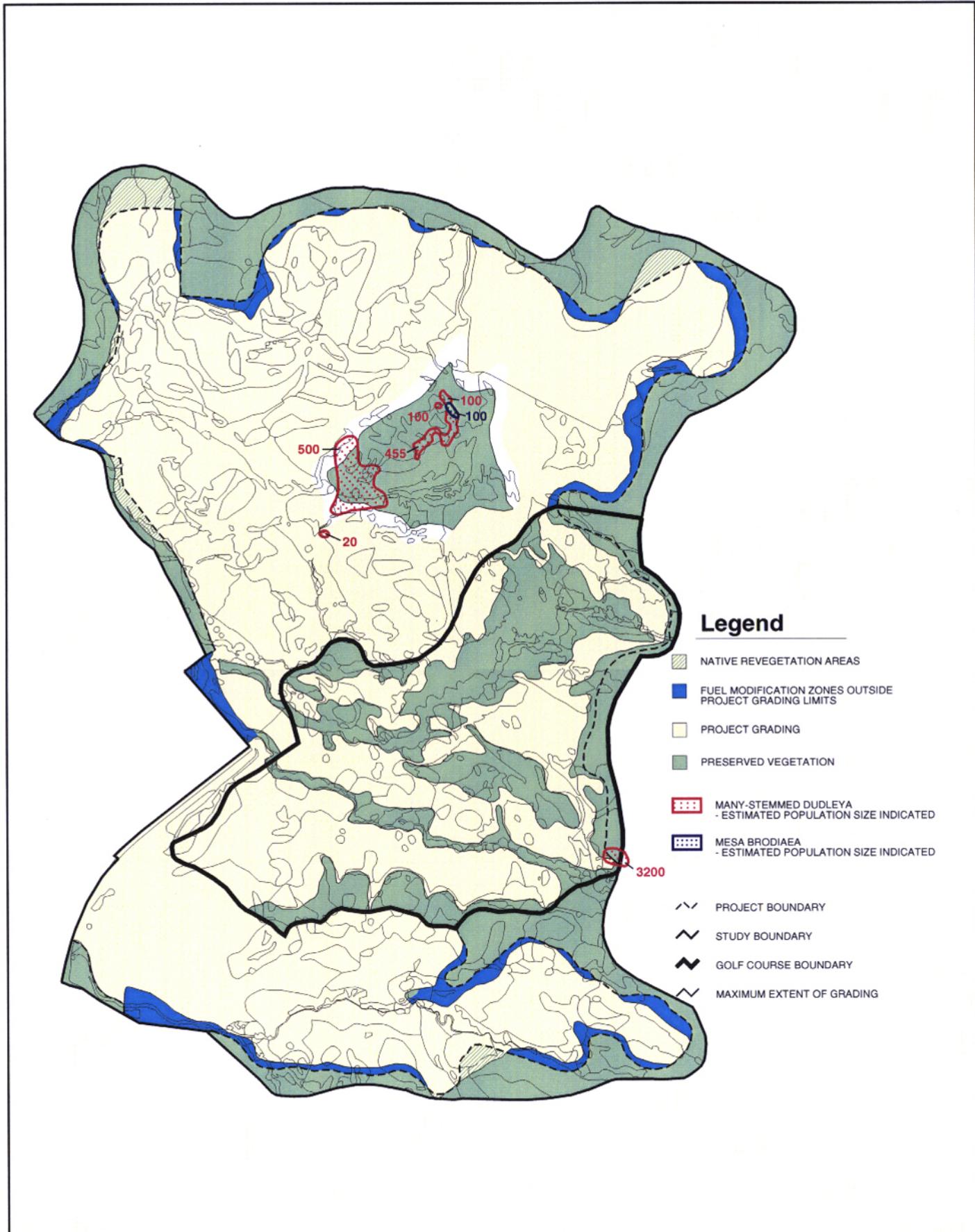


Figure 51

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JN 30650-4317

Figure 52
Shady Canyon Project Effects on Sensitive Species

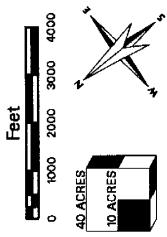
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Figure 53

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**Proposed Habitat Reserve System
Special Linkage & Existing Use Areas Exhibit**

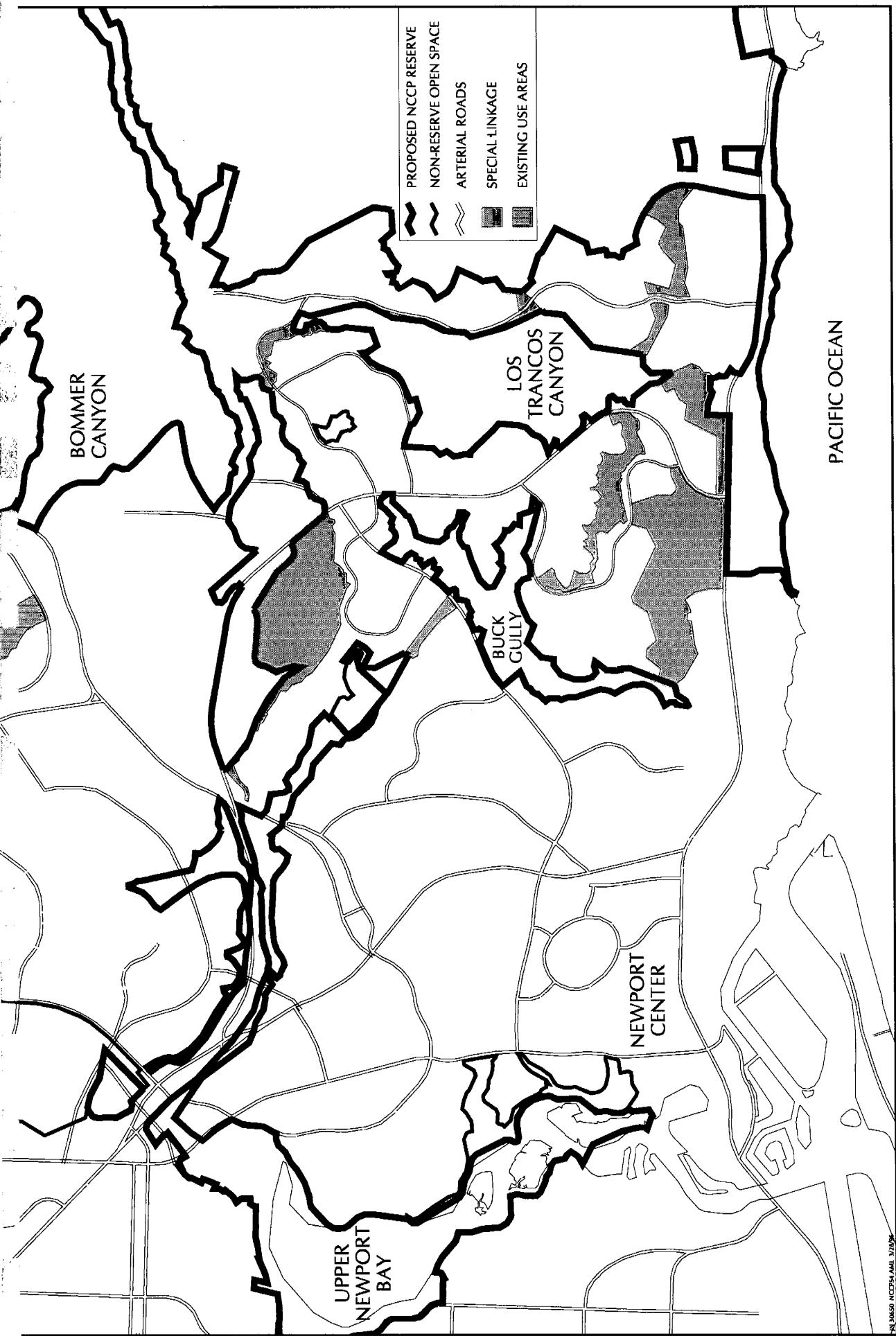
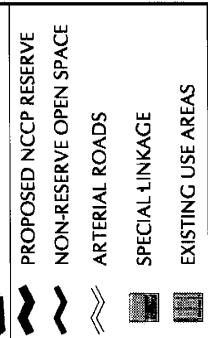


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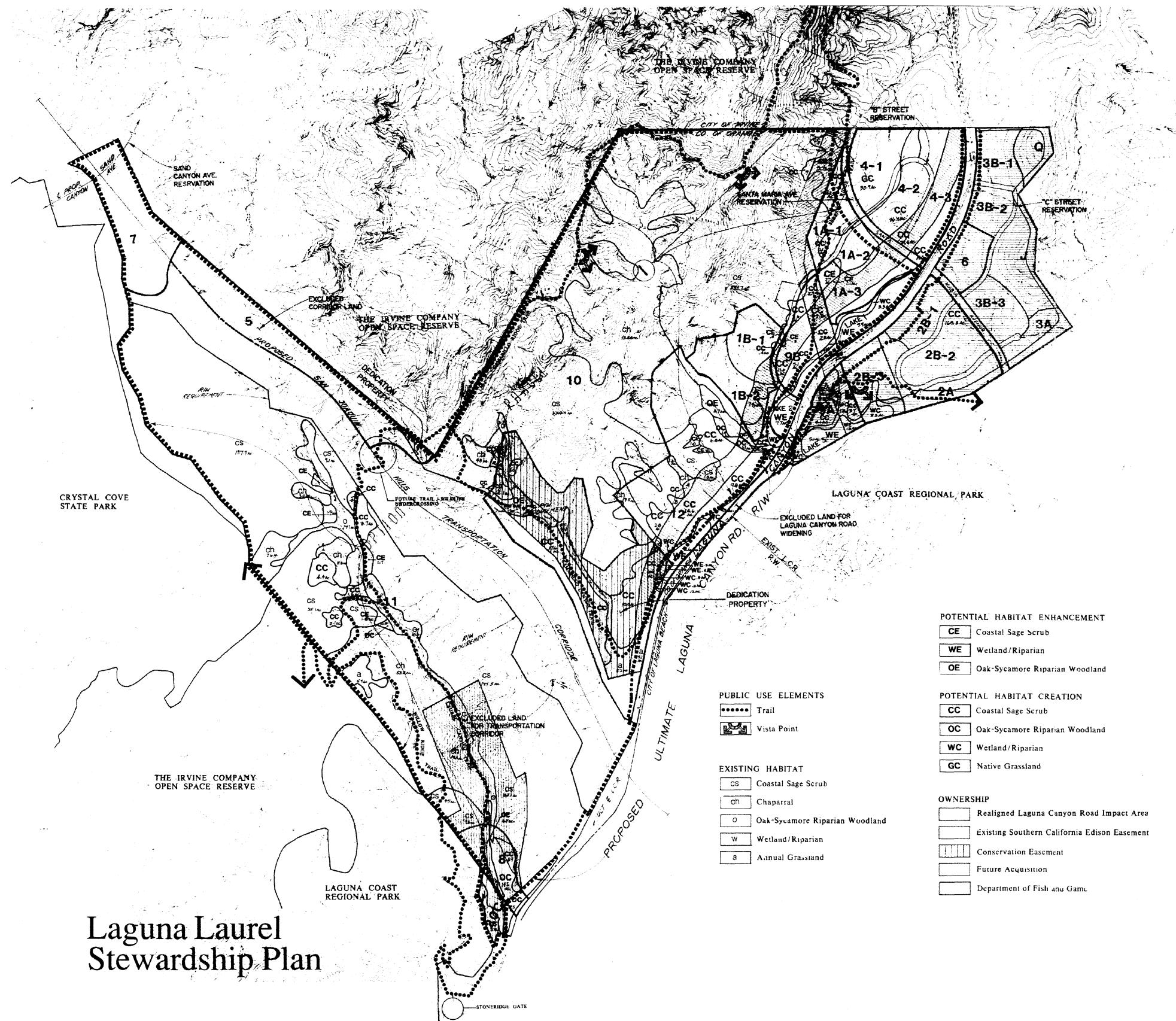
LA JUNCO NCCP54.0001 3/28/95

PACIFIC OCEAN

Figure 54



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Source: The Nature Conservancy



Figure 55

Laguna Laurel Oak Woodlands

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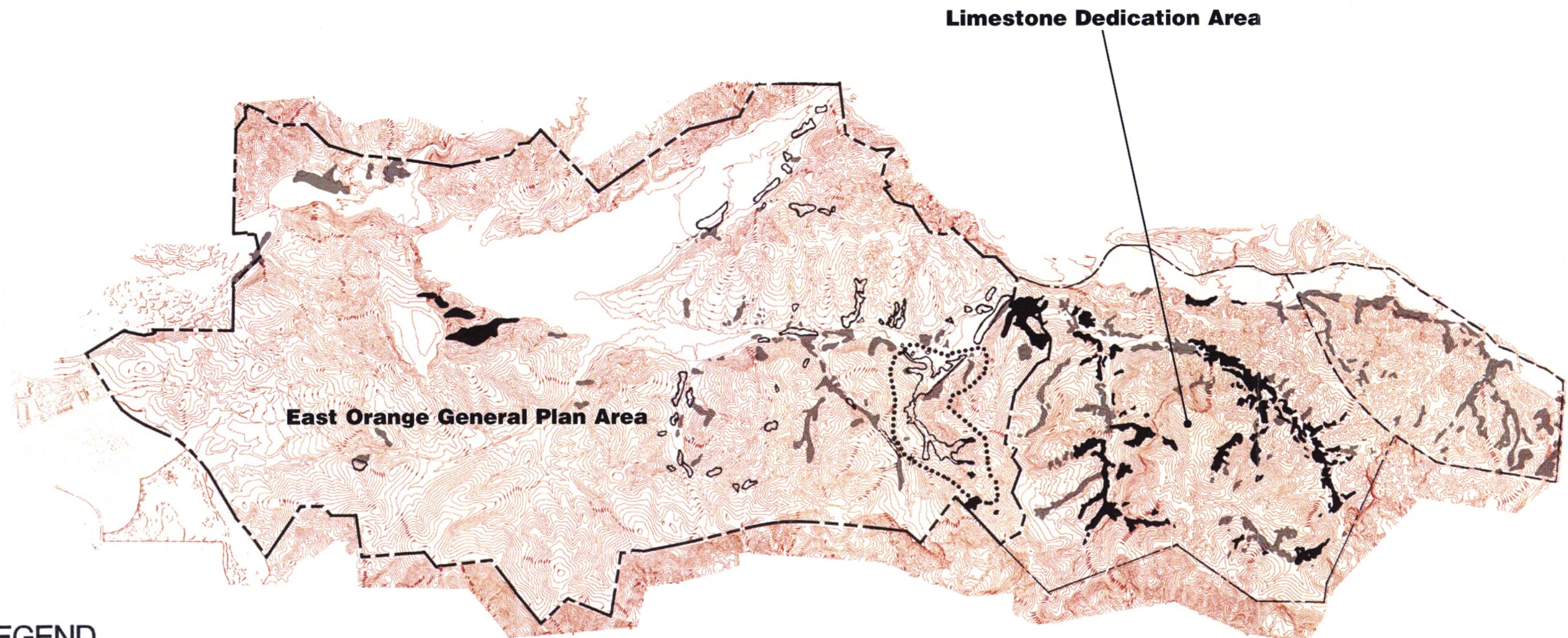


Figure 56

East Orange Oak Woodlands Habitat Value



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Loma Ridge/Limestone Canyon Open Space System

Source: Michael Brandman Associates

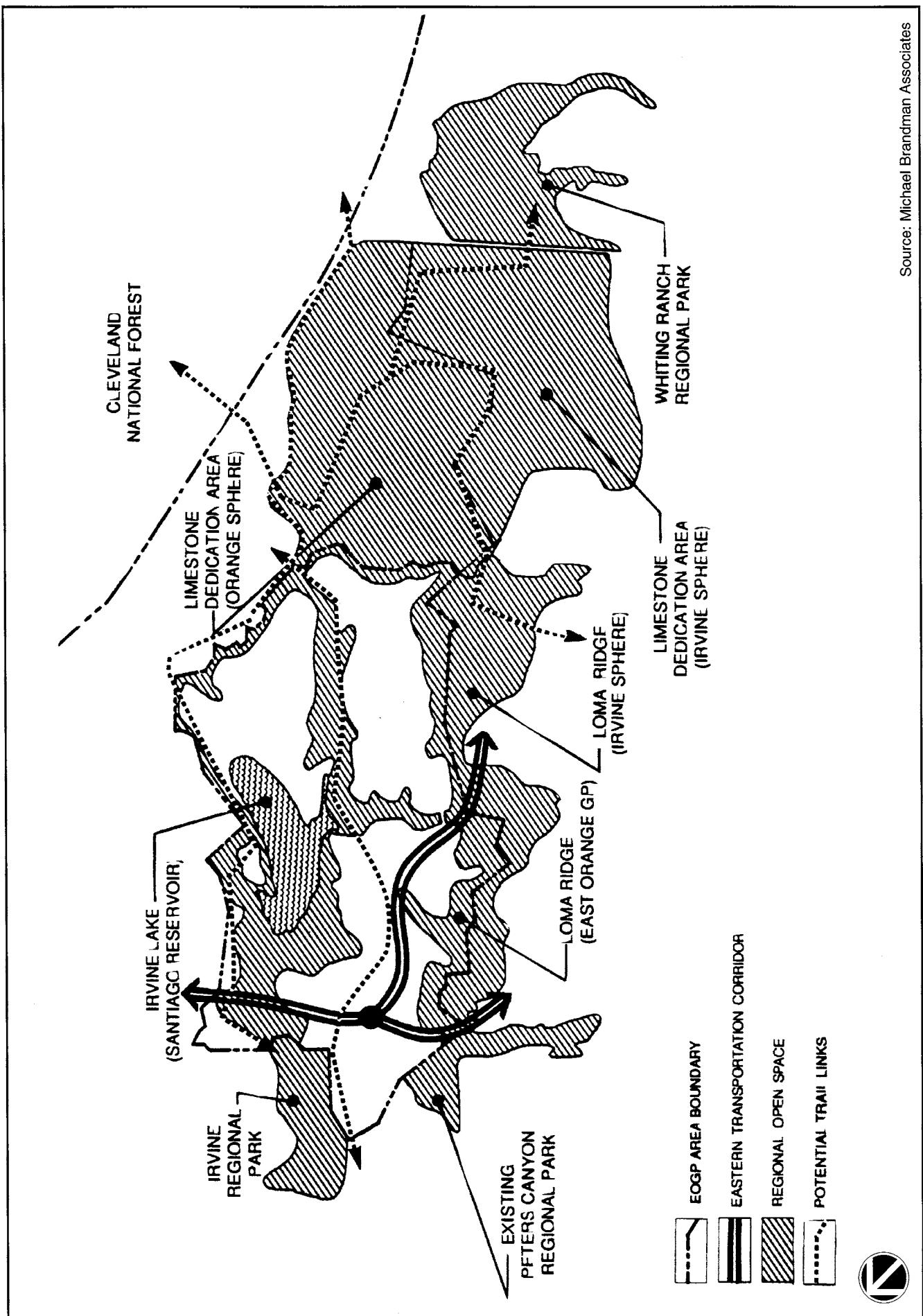
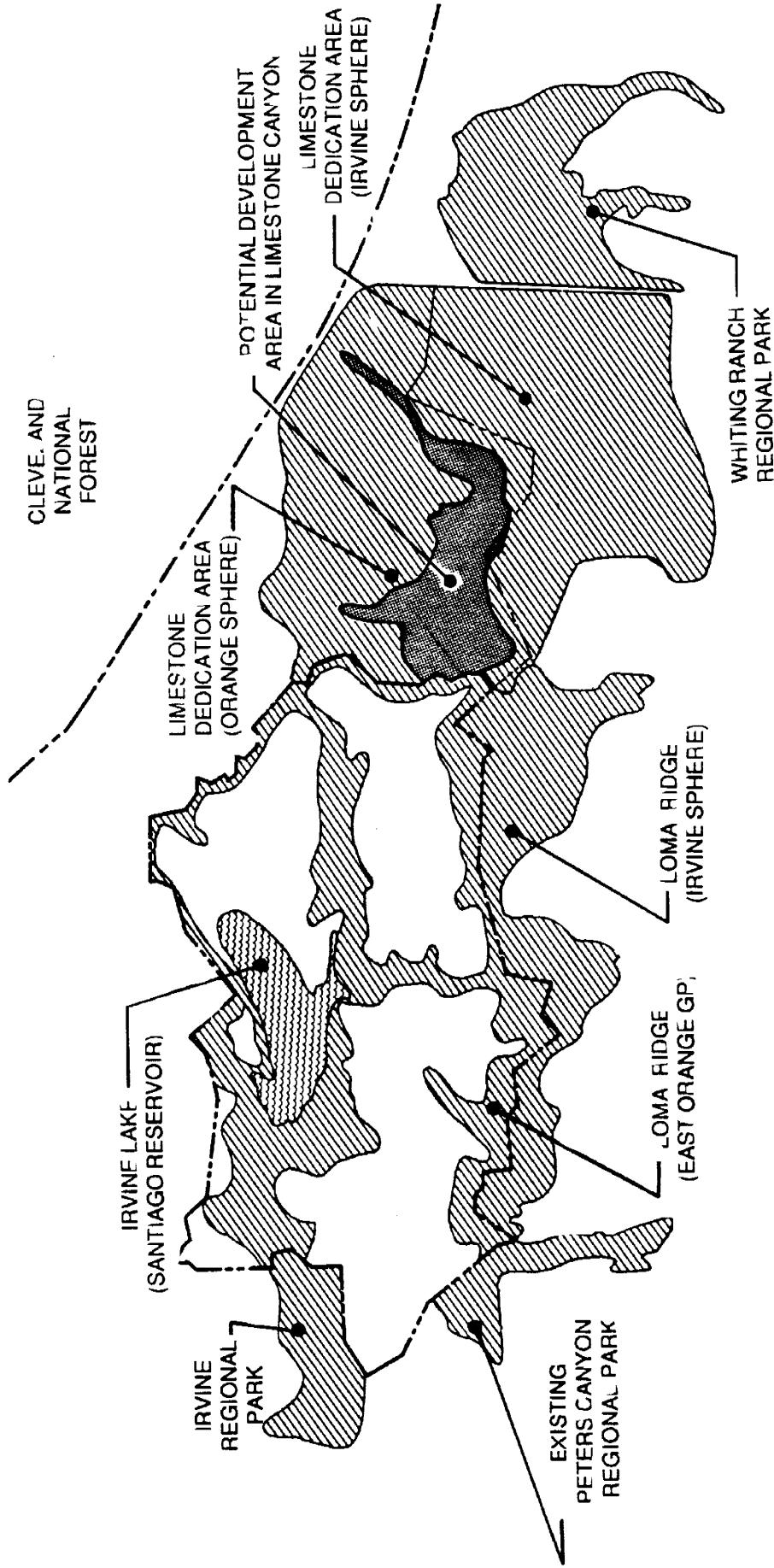


Figure 57

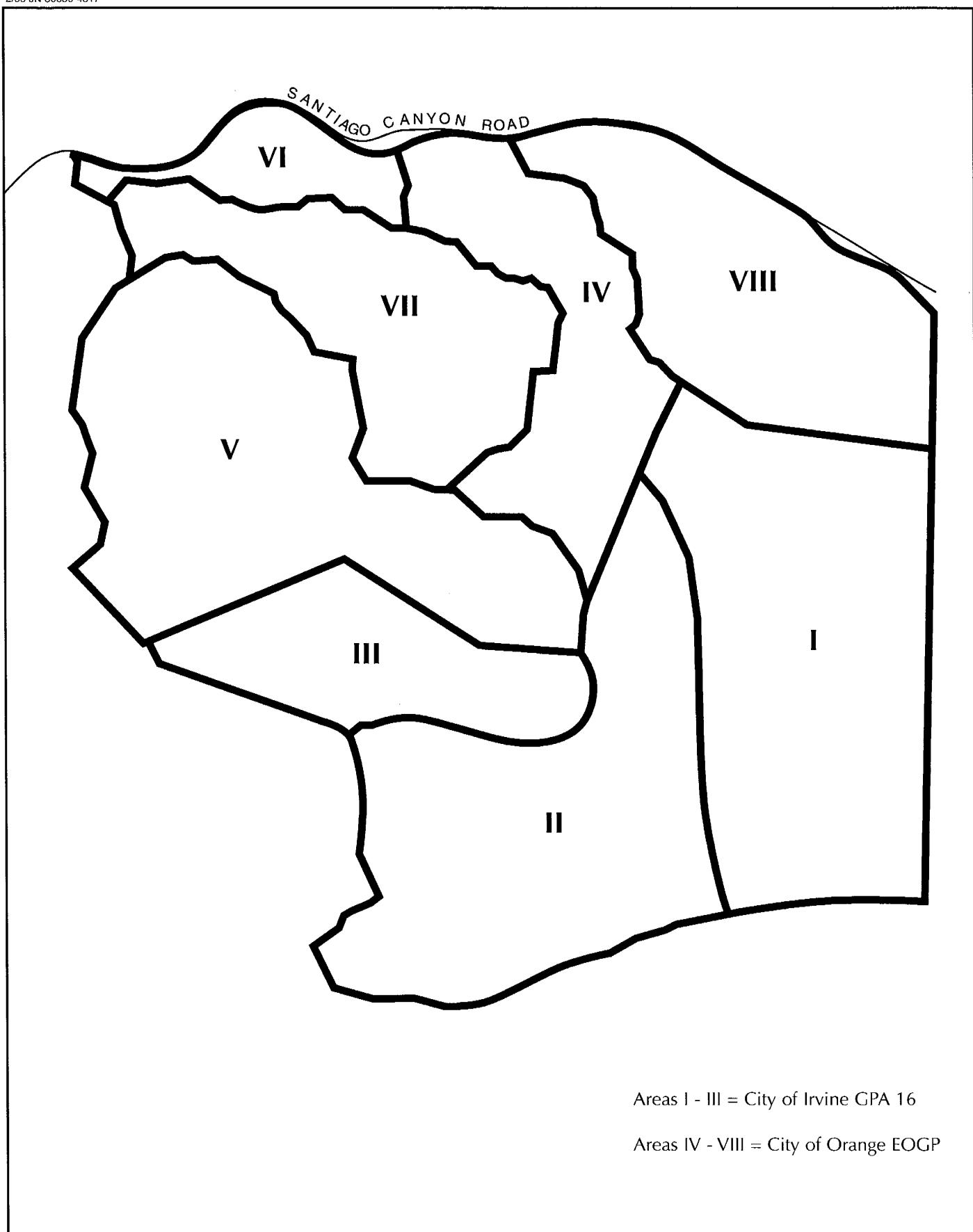
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Potential Development Areas in Limestone Canyon and Loma Ridge

Source: Michael Brandman Associates



Tab placeholder.



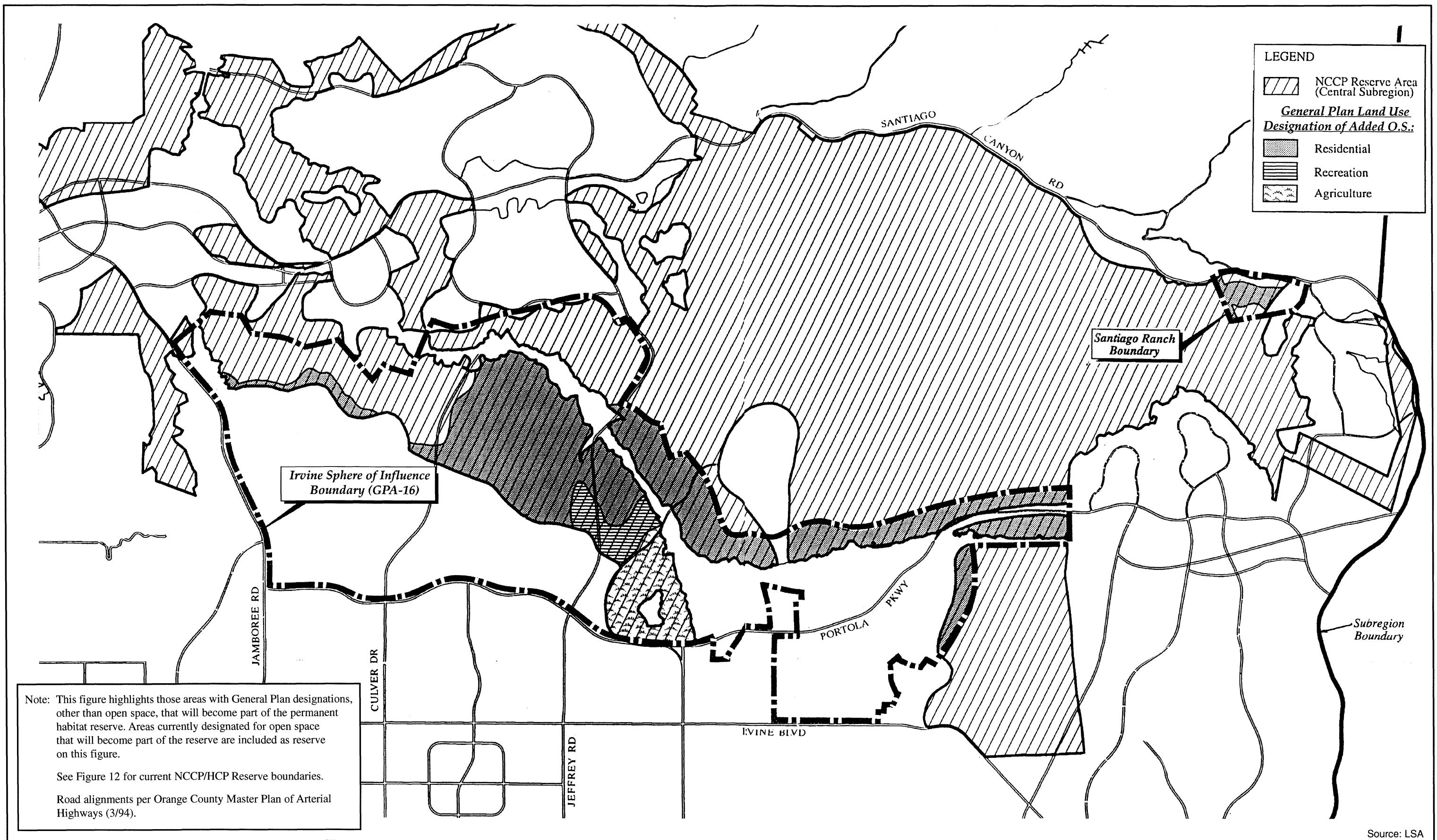
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Figure 59

Limestone Canyon Phased Dedication Areas

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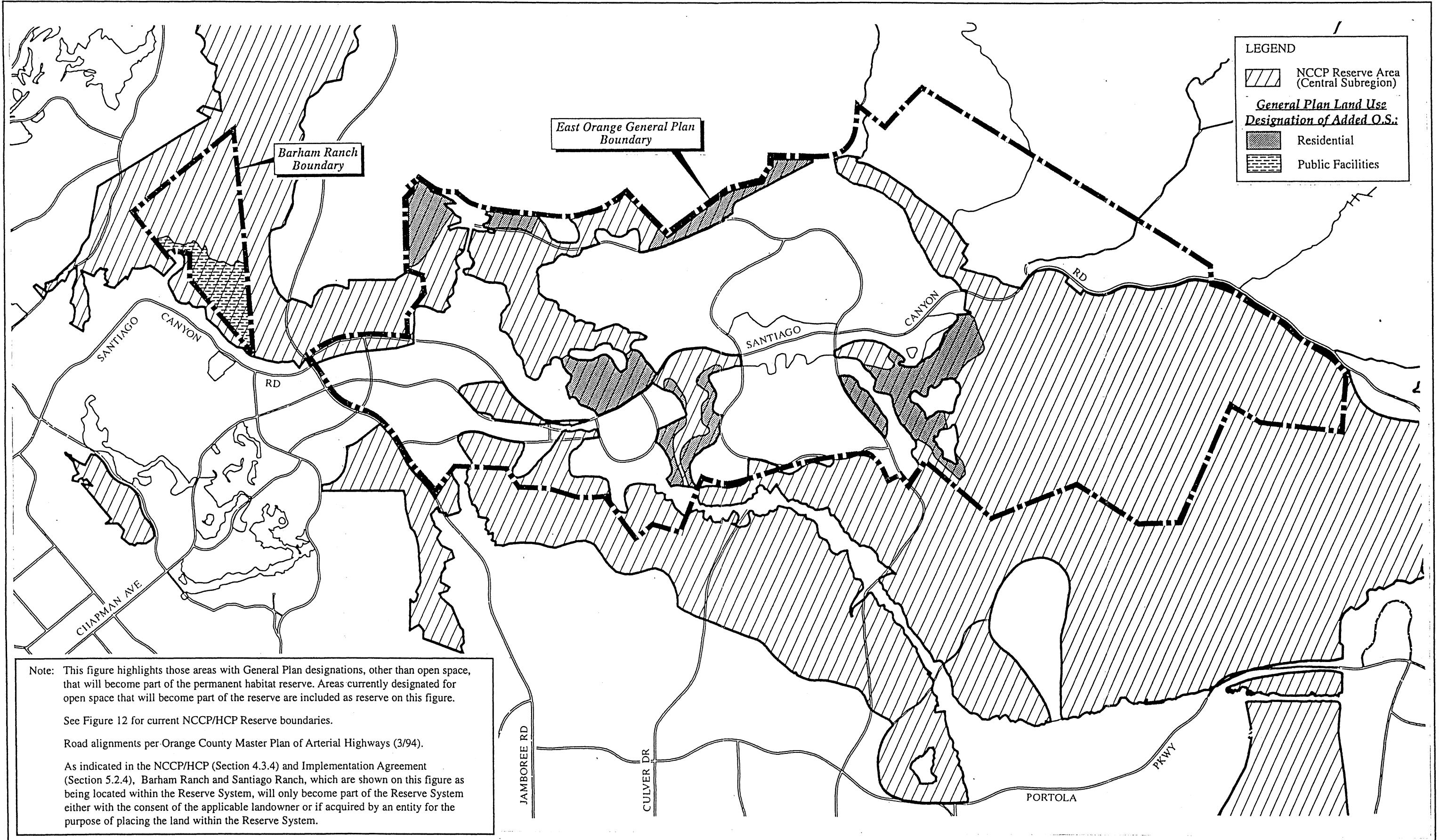
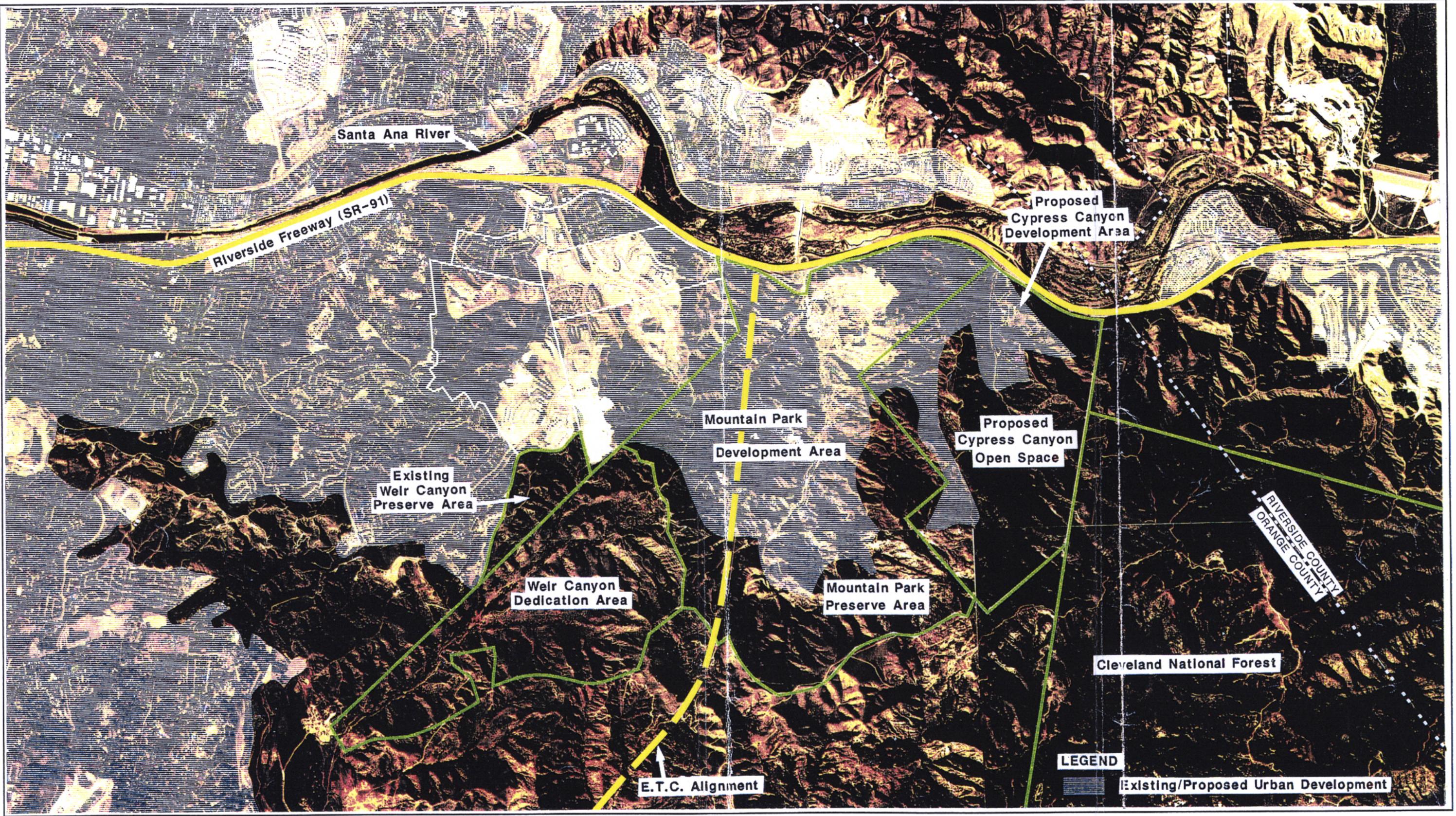


Figure 61

Irvine Company East Orange General Plan Donations
& Potential Barham Ranch Acquisition



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Source: LSA

Figure 62

Mountain Park Plan Area
Existing and Proposed
Regional Open Space Overview

Tab placeholder.

Mountain Park Plan Area Management Units

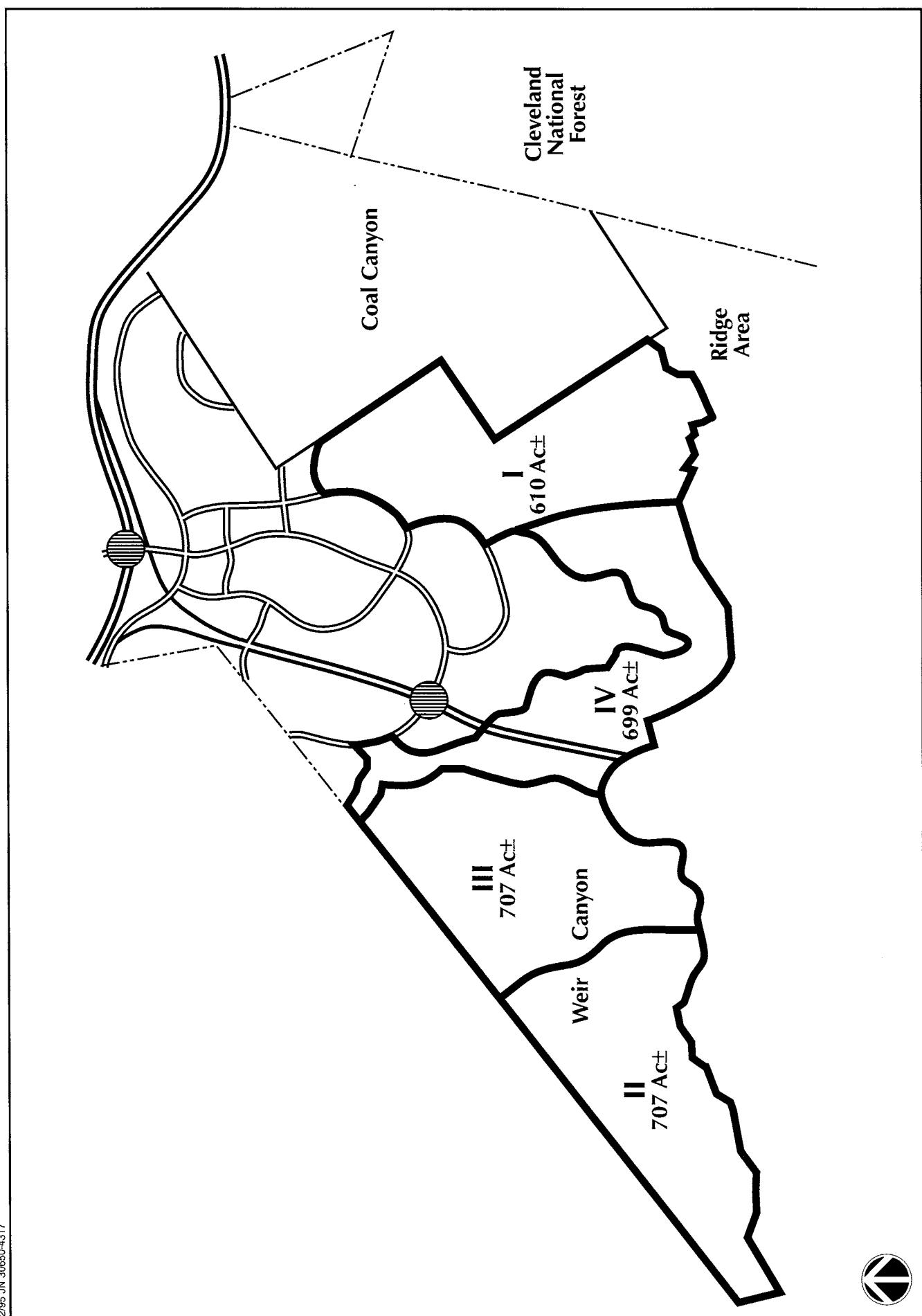


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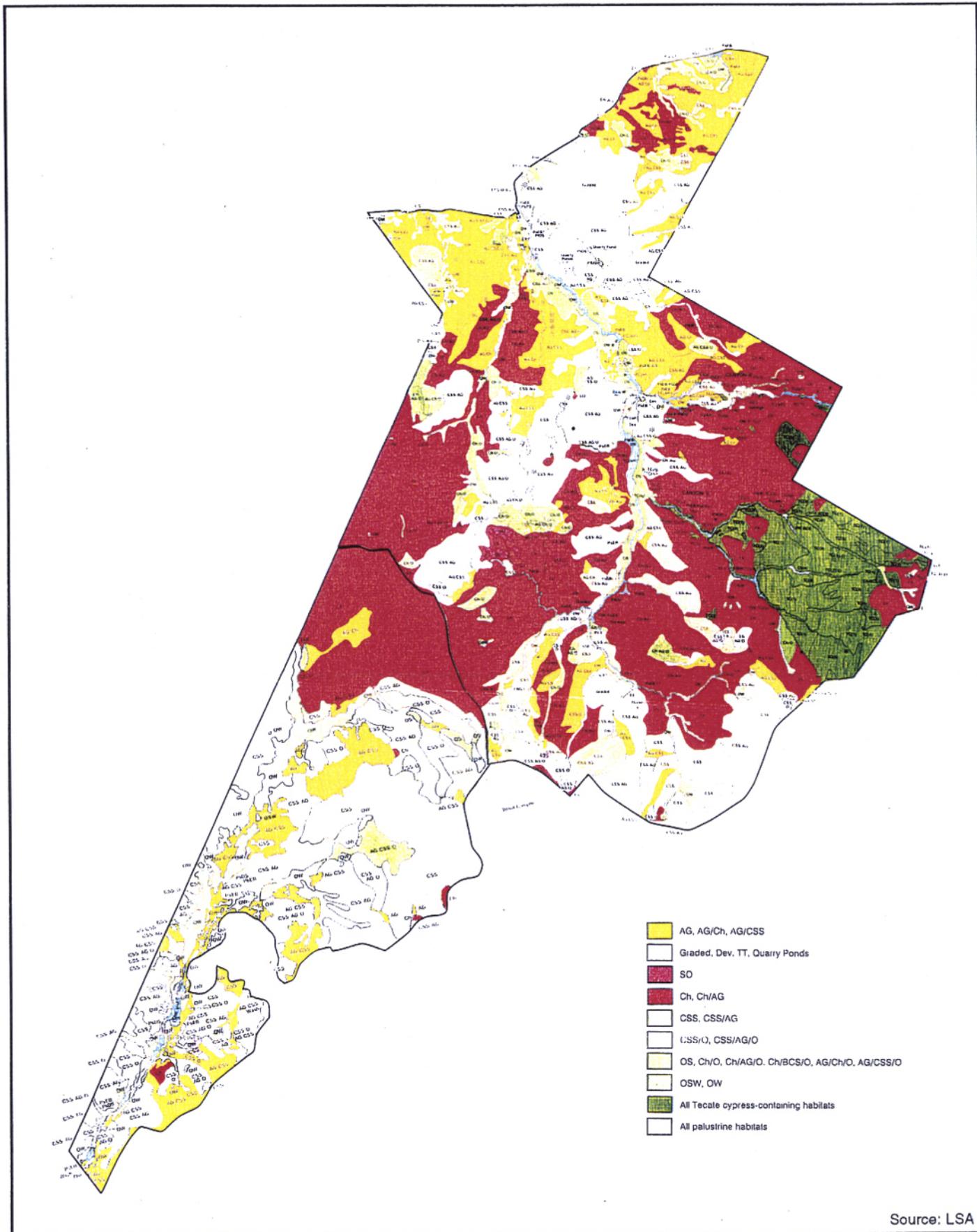
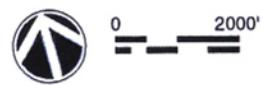


Figure 64

Mountain Park Plant Communities



0 2000'

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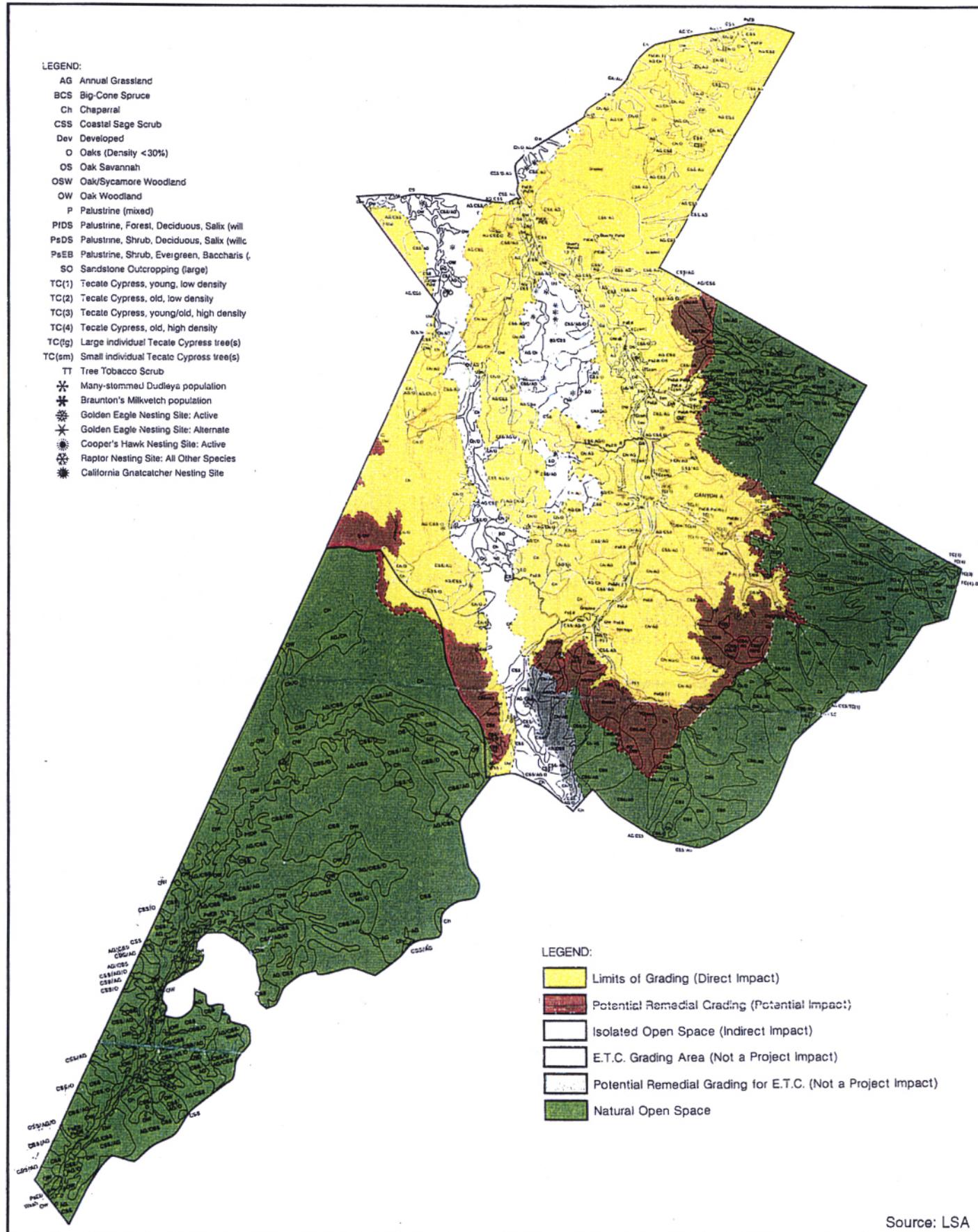
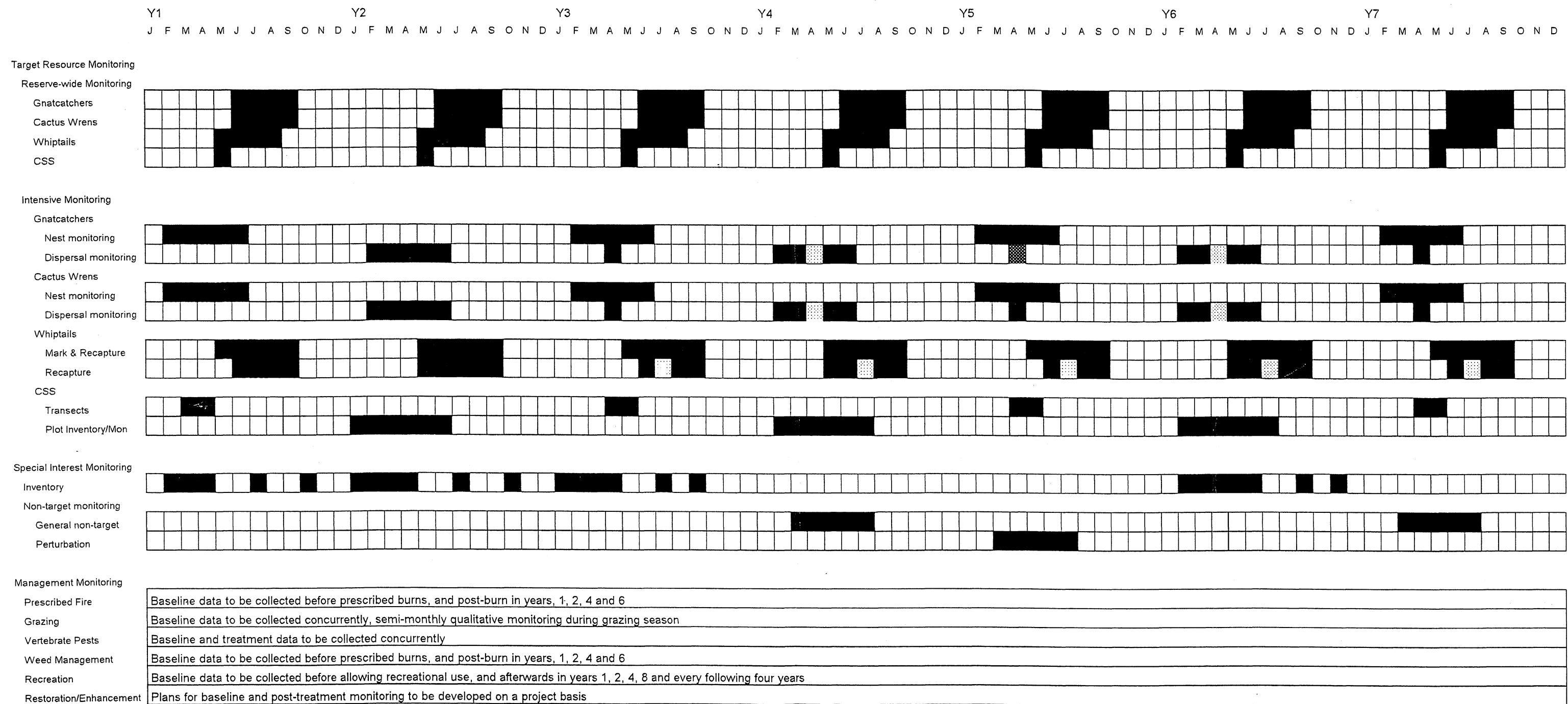


Figure 65

Mountain Park Open Space and Development Areas

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NCCP Monitoring Schedule



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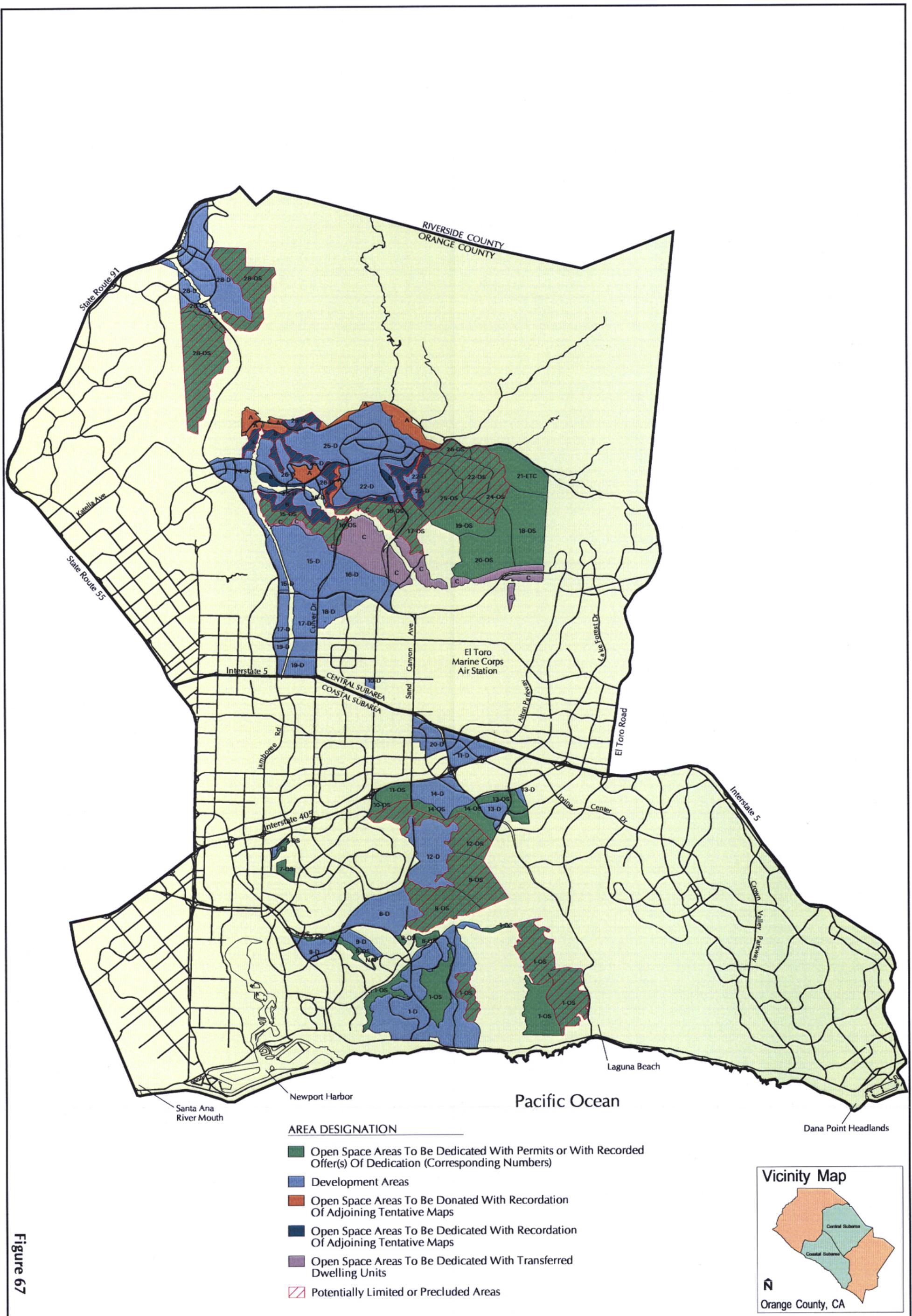


Figure 67

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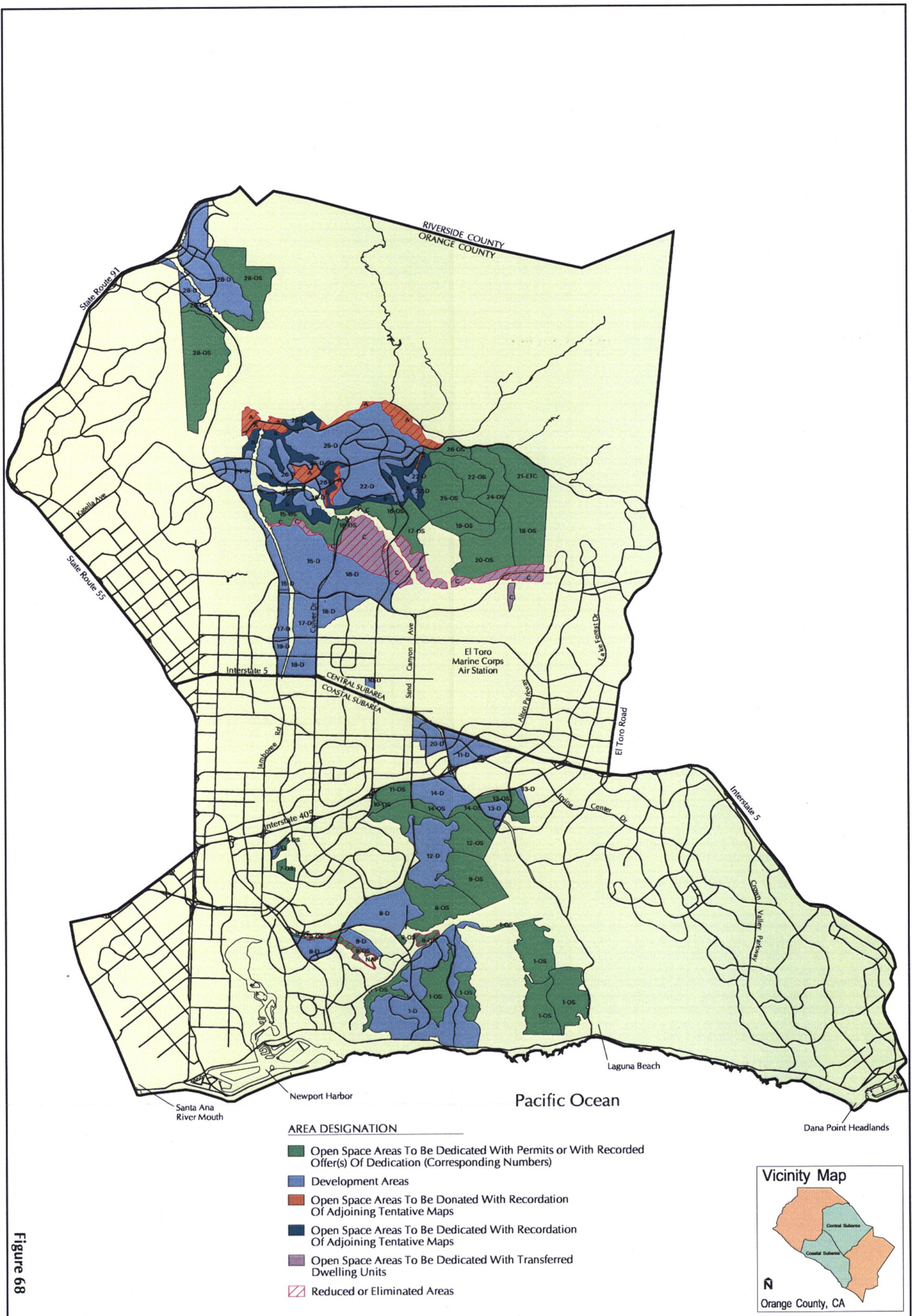


Figure 68

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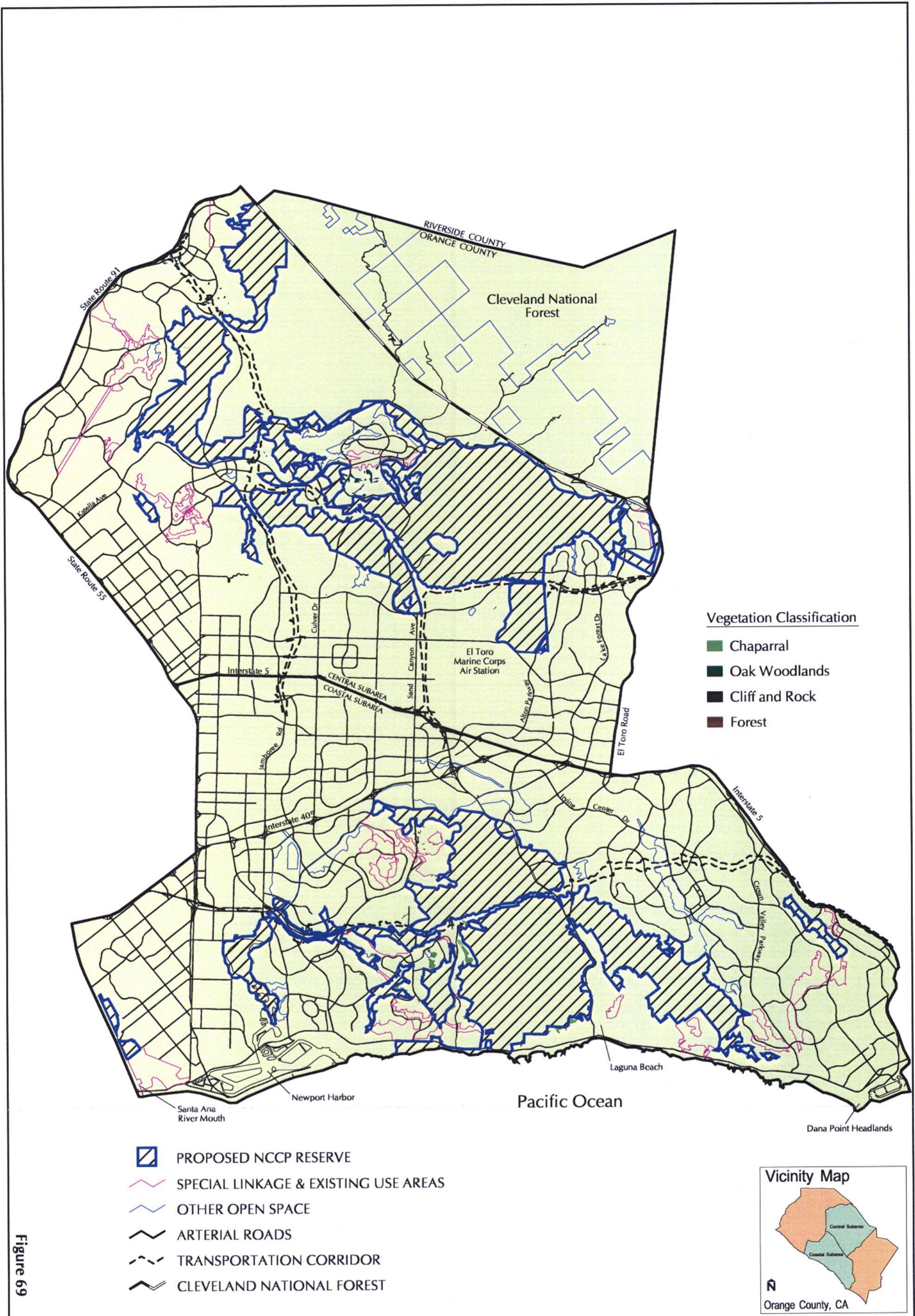


Figure 69

JN 30650 NCCP69.AML 3/28/96

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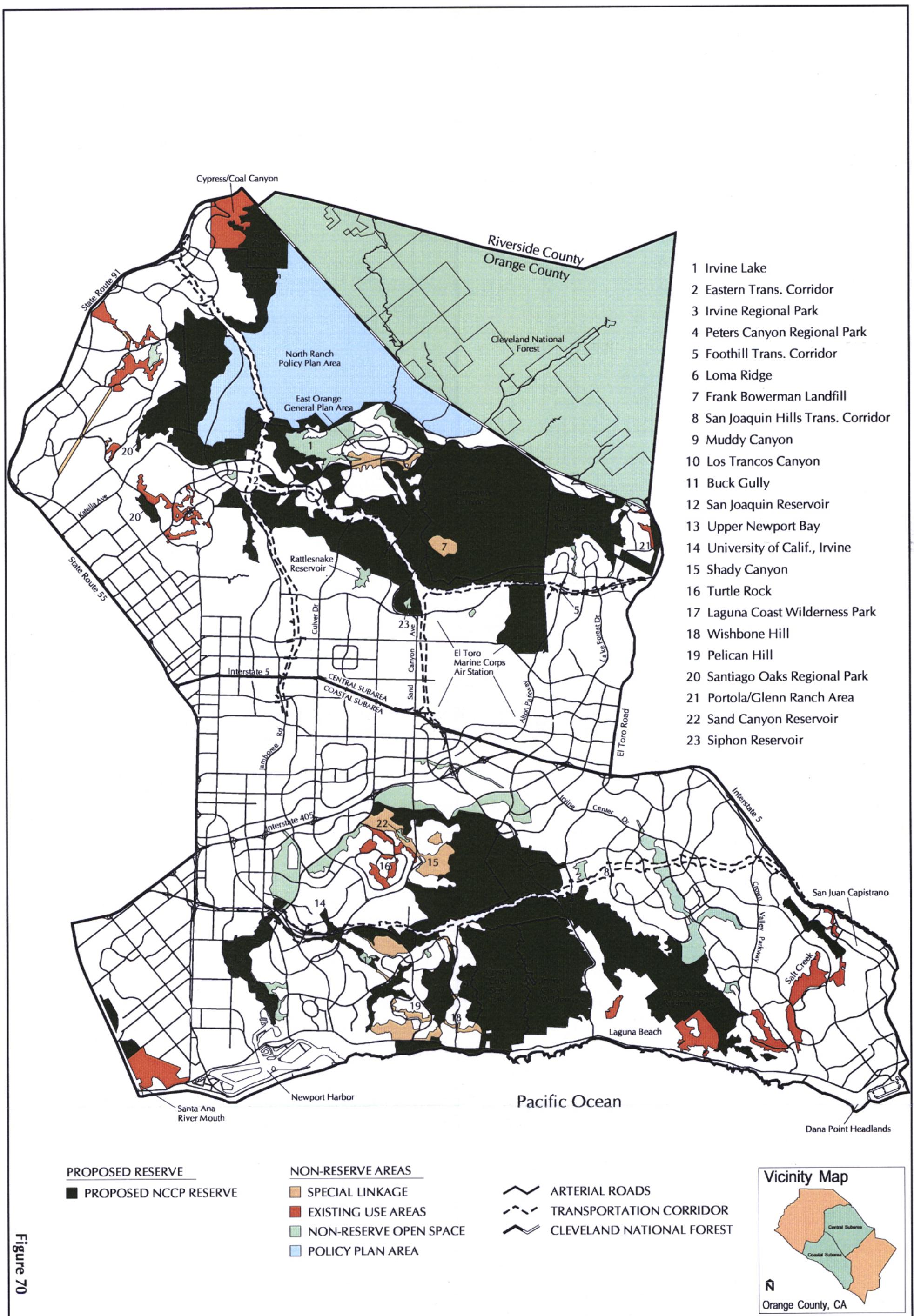


Figure 70

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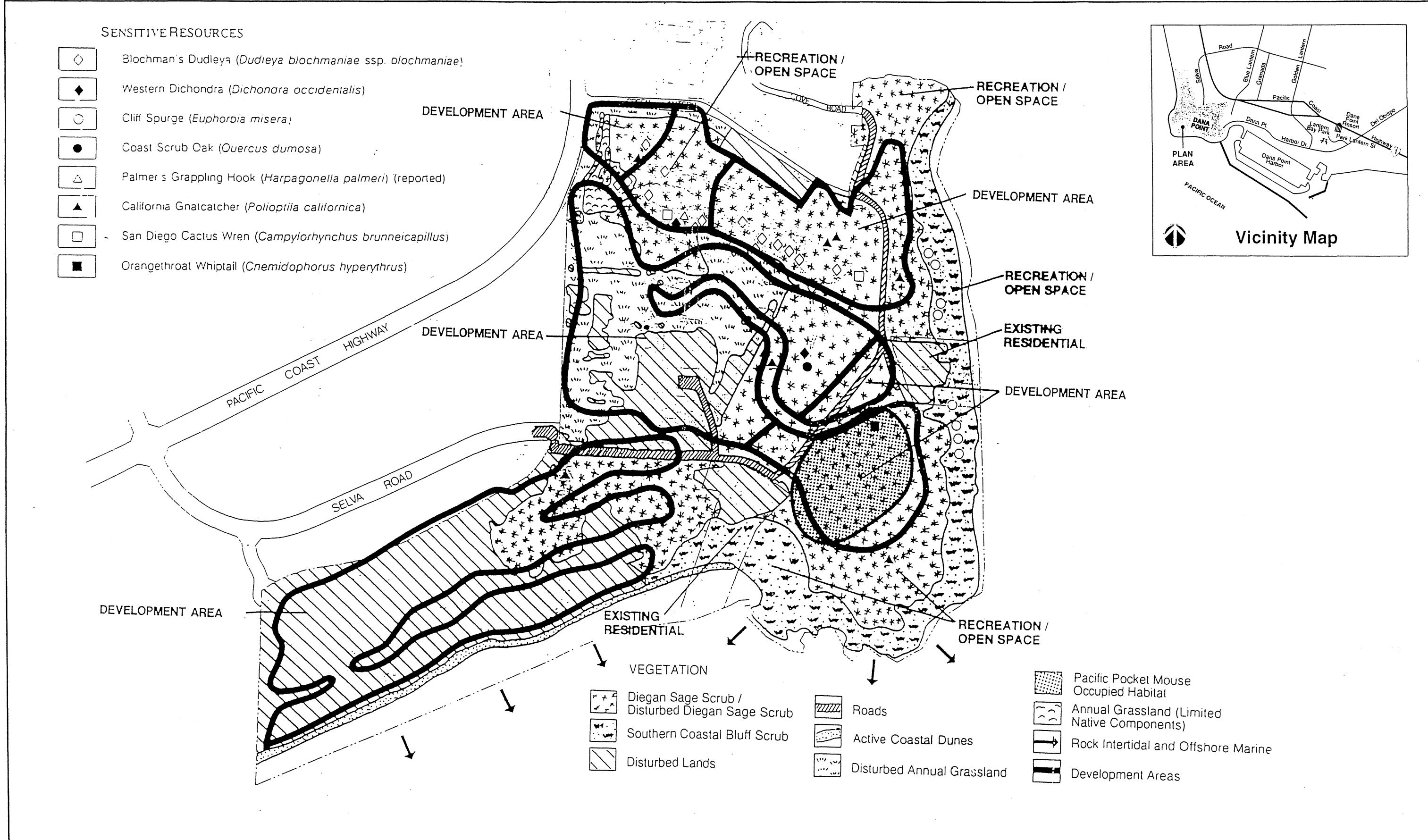


Figure 71

Dana Point Headlands
Planned Activities

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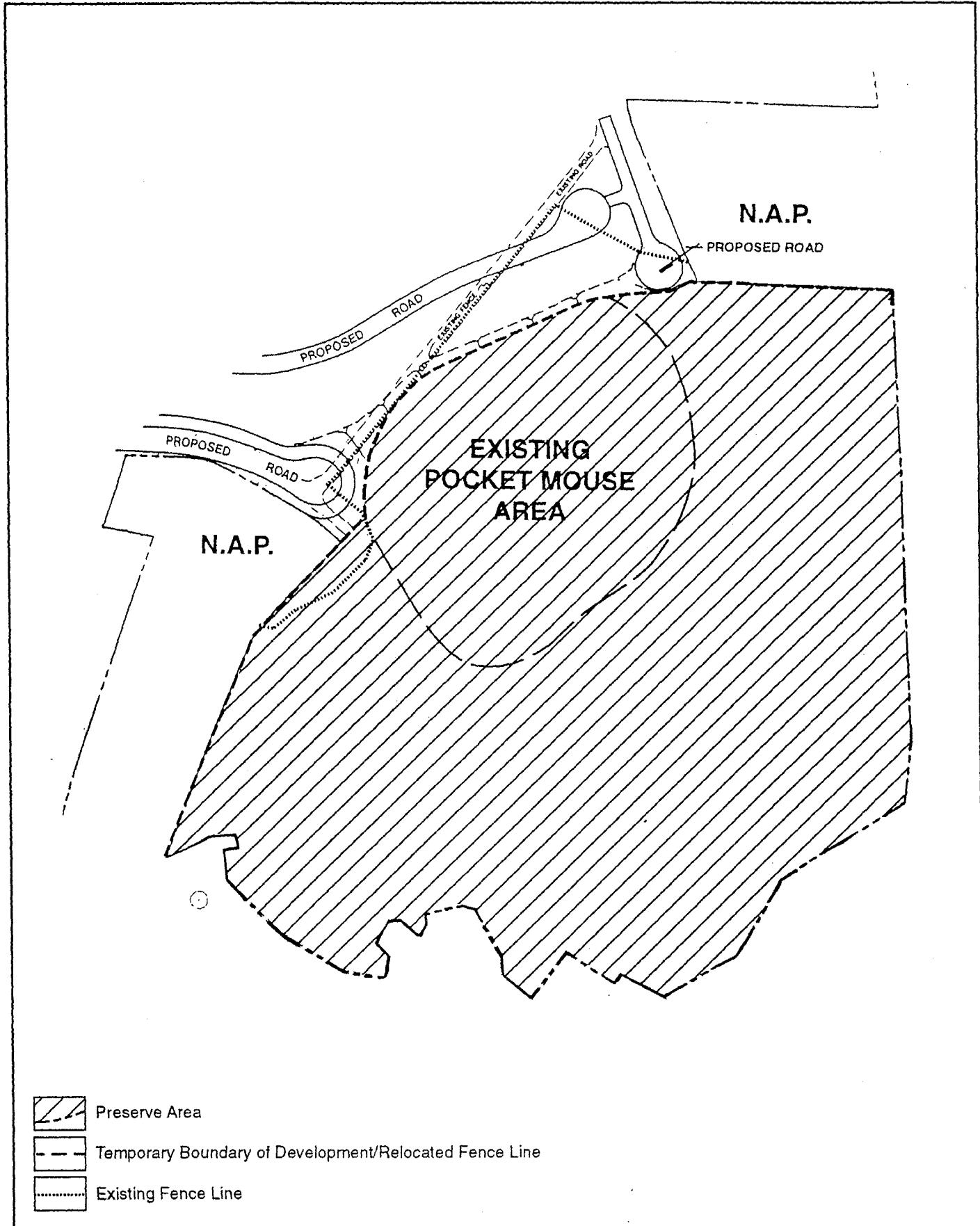


Figure 72

Dana Point Headlands Temporary Pocket Mouse Preserve



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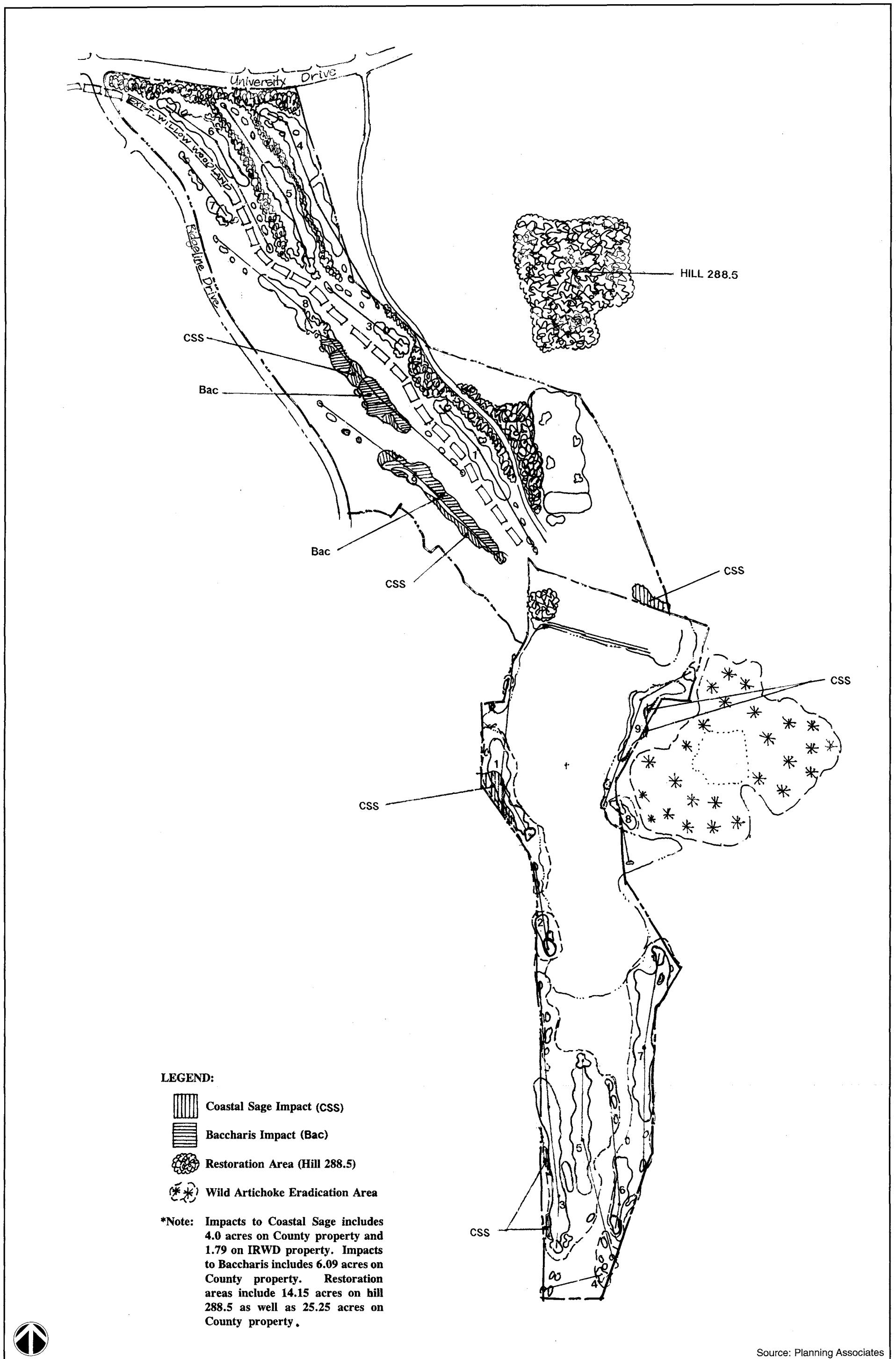


Figure 73



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12/95 JN 30650-4317

Sand Canyon Golf Course

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□ Non-Reserve
■ Reserve
■ Special Linkage
■ Existing Use Areas
■ Non-Reserve Open Space
□ Policy Plan Area

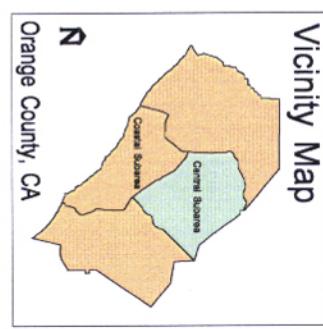
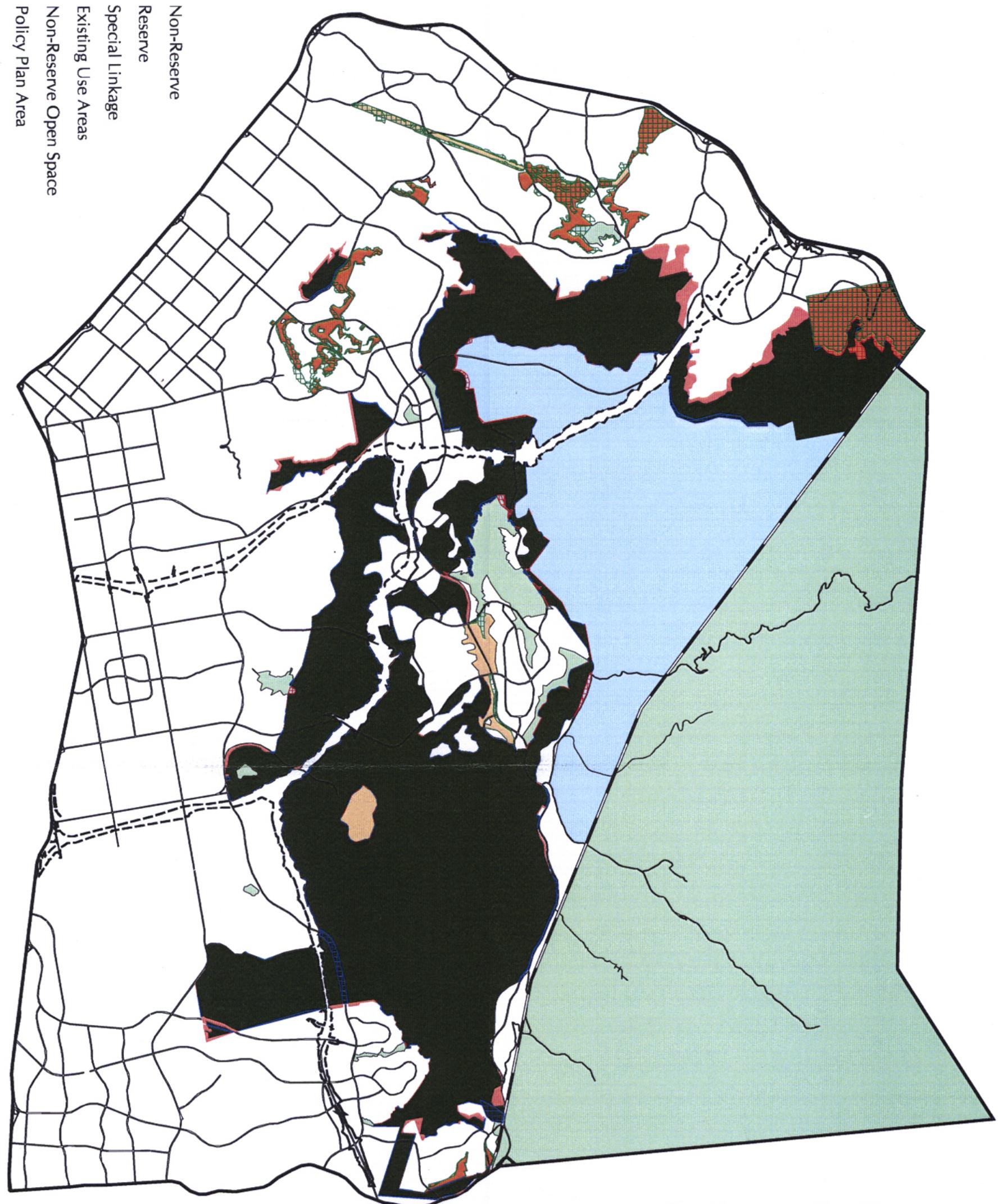
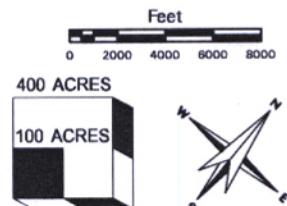


Figure 74

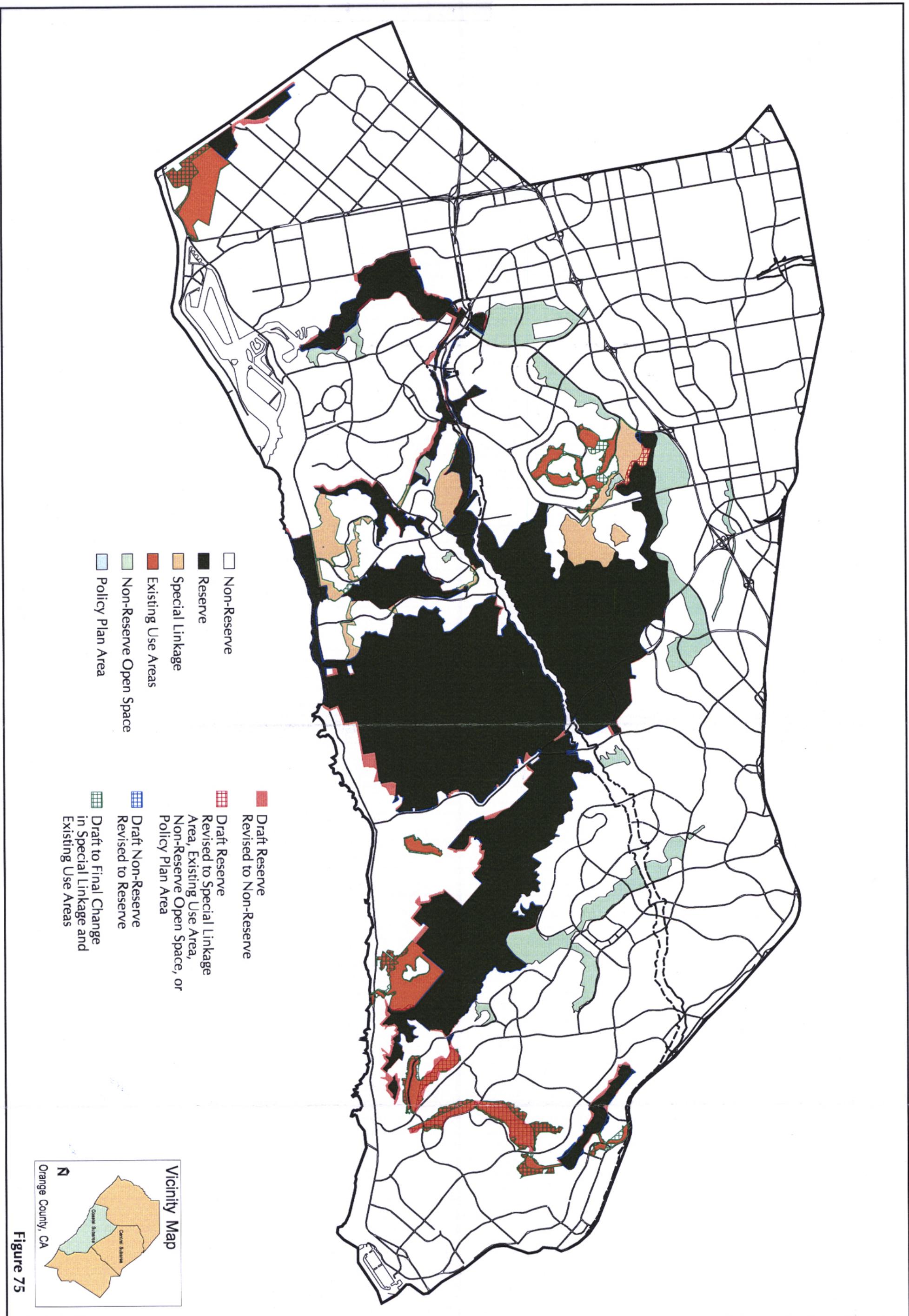
JN 30650 NCCP74.AML 3/28/96

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Central Subarea
Final NCCP/HCP Boundaries Reflecting
Changes from 12/95 Draft Documents

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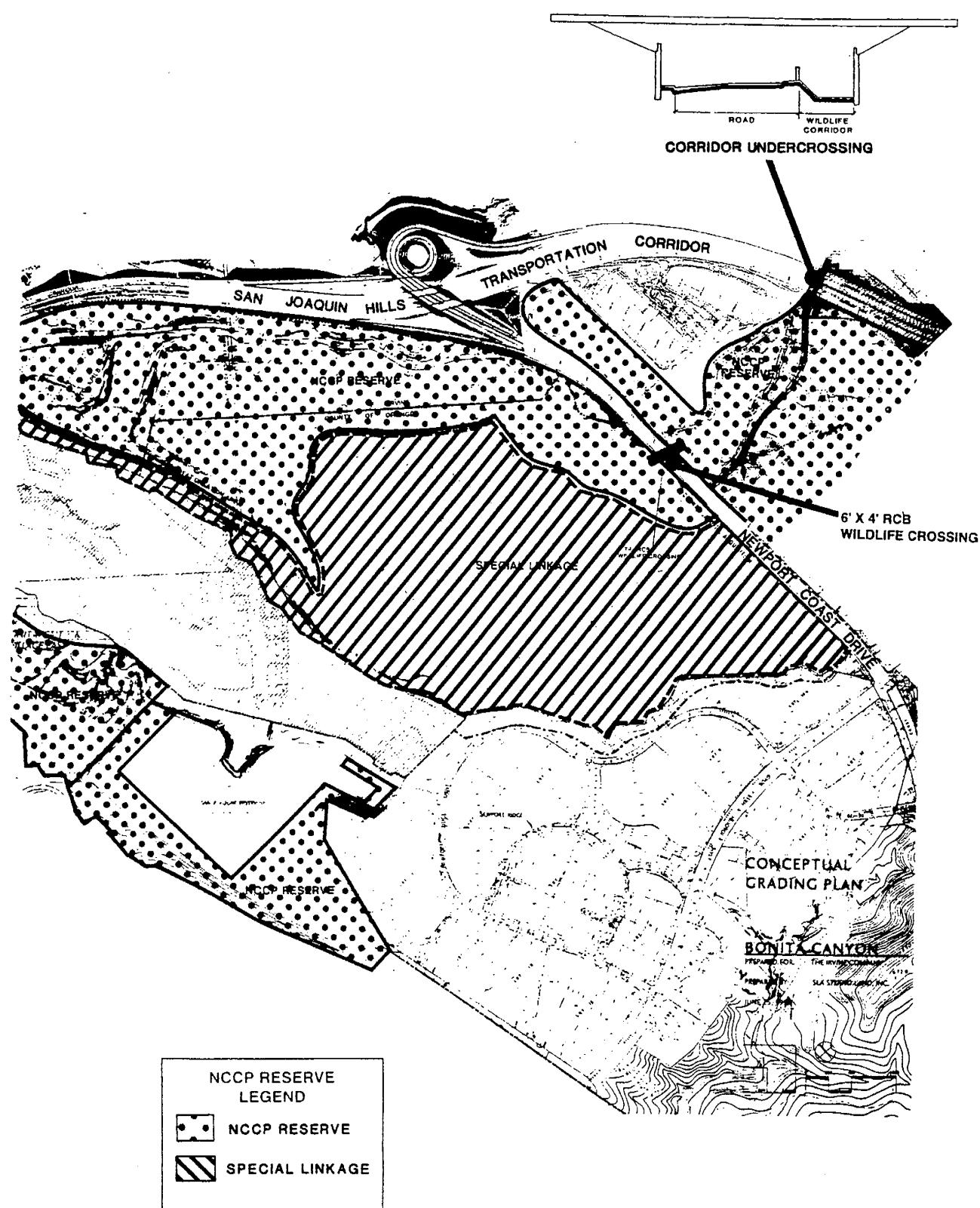


Figure 76

Coyote Canyon Landfill Special Linkage Coastal Subarea NCCP



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