

Chronology of Events

Proposed Multipurpose Trail at Paularino Channel and Santa Ana Delhi Flood Control Channels

Date	Event
August, 2006	Transportation staff conducted comprehensive field visits to all flood control channels in the City. Staff determined that the Paularino and Santa Ana Delhi Channels are the only viable facility to construct a multipurpose trail on the existing maintenance road.
September, 2006	Preliminary Meeting with Orange County Flood Control District (OCFCD).
January, 2007	Second meeting with OCFCD staff. OCFCD supports proposed project.
May 8, 2007 City Council Study Session Meeting	Staff presented comprehensive Powerpoint presentation outlining proposed project
June 5, 2007 City Council Meeting	City Council directed staff to commence "preliminary design and public outreach" program and approved Budget Adjustment No. 07-078 for an amount of \$75,000.
August, 2007	Staff sent Request For Proposals (RFP) to eight civil engineering firms for "conceptual design" services for proposed project. Three firms responded to RFP.
September-October, 2007	Staff selected KFM Engineering, Inc. based on qualifications and relevant experience. Staff negotiated with KFM Engineering, Inc. to include Caitrop Corporation as a subconsultant to conduct extensive "public outreach services".
December 4, 2007 City Council Meeting	Staff presented City Council Agenda Report to award professional services agreement for an amount not to exceed \$92,277 to KFM Engineering, Inc. for preliminary conceptual design and public outreach services. Staff also presented Budget Adjustment No. 08-011 in the amount of \$29,500 to appropriate additional AB 2766 Air Quality Improvement Funds for the public outreach part of this project. City Council directed staff to suspend work on proposed project due to resident concerns.
December 11, 2007	A rehearing request regarding the proposed project was filed by one City Council Member. The rehearing is requested to be scheduled for the regular City Council Meeting on January 15, 2008.



CITY COUNCIL STUDY SESSION REPORT

MEETING DATE: MAY 8, 2007

ITEM NUMBER:

SUBJECT: FLOOD CONTROL CHANNEL BIKE TRAIL PRESENTATION

DATE: MAY 3, 2007

FROM: PUBLIC SERVICES DEPARTMENT - TRANSPORTATION SERVICES DIVISION

PRESENTATION BY: PETER NAGHAVI, TRANSPORTATION SERVICES MANAGER

FOR FURTHER INFORMATION CONTACT: PETER NAGHAVI, TRANSPORTATION SERVICES
MANAGER - (714) 754-5182

BACKGROUND:

In an effort to increase walking and bicycling opportunities, Transportation Services staff has undertaken an investigation of the possibilities of utilizing the existing maintenance roads of the flood control channels in the City. Accordingly staff has visited all flood control channels in the City to determine which facilities may be suitable in providing a multi-purpose trail.

ANALYSIS:

In August 2006, staff visited all flood control channels in the City to investigate the possibility of implementing a multi-purpose trail to increase walking and bicycling opportunities. Staff actively seeks opportunities to enhance walking and bicycling within the community, and therefore, views flood control channels as a valuable resource to provide a multi-purpose trail. The results of staff investigation revealed that the most viable facility for this purpose is the Paularino Channel. The Paularino Channel follows a path in an easterly direction from Fairview Road north of El Camino Drive to Bear Street. At Bear Street, the Paularino Channel intersects with the Santa Ana Delhi Channel, and ultimately leads to the Santa Ana Heights Trail located within the Newport Beach Golf Course. Staff observed at the time that the Santa Ana Heights Trail was closed at access points on Santa Ana Avenue and Irvine Avenue. Staff has worked with the County of Orange and was successful in reopening of this trail for public access in February 2007.

The Paularino Channel is currently constructed with a dirt path for County maintenance vehicle access, and is located directly behind single and multi-family residences. If further consideration of a multi-purpose trail is approved, a major component prior to design and construction would be the implementation of a public outreach program to closely work with residents to address all concerns. Public outreach and phased design and construction may be accomplished via the use of AB 2766 funds annually provided by the South Coast Air Quality Management District (SCAQMD).

Staff met with the Orange County Flood Control District (OCFCD) staff in September 2006 and January 2007 to present this concept. OCFCD staff is supportive of the idea with certain conditions, and believes that the project may be accomplished through a

permit and agreement with the County. Staff will present a Powerpoint presentation at the May 8, 2007 Study Session to fully address any issues and concerns that the City Council may have with this proposed project.

ALTERNATIVES CONSIDERED:

This is an informational item. No alternatives are presented.

FISCAL REVIEW:

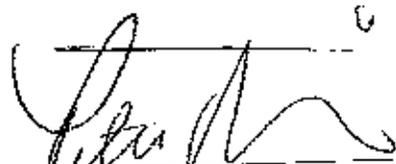
There is no fiscal impact to the City at this time. Staff time would be needed to conduct a public outreach program. If the project reaches the design and construction stages, funding would be requested through the normal budgeting process.

LEGAL REVIEW:

There is no legal review required on this item. Any future agreement(s) with the OCFD would need to be reviewed and approved by the City Attorney.

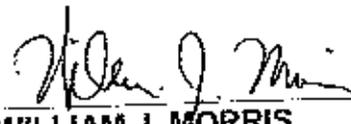
CONCLUSION:

Transportation Services staff has visited all flood control channels in the City and determined that the Paularino Channel is suitable to provide a multi-purpose trail to increase walking and bicycling opportunities. Staff has met with OCFCD to present this proposal and OCFCD staff is supportive of this project. Staff shall present to City Council an overview of the proposal to utilize the Paularino Channel for a multi-purpose trail facility that ultimately connects with the Santa Ana Heights Trail. Upon conclusion of these visits staff has determined that only Paularino Channel from Fairview Road to Irvine Avenue could provide an east-west connection to the existing Santa Ana Heights Trail.



PETER NAGHAVI

Transportation Services Manager



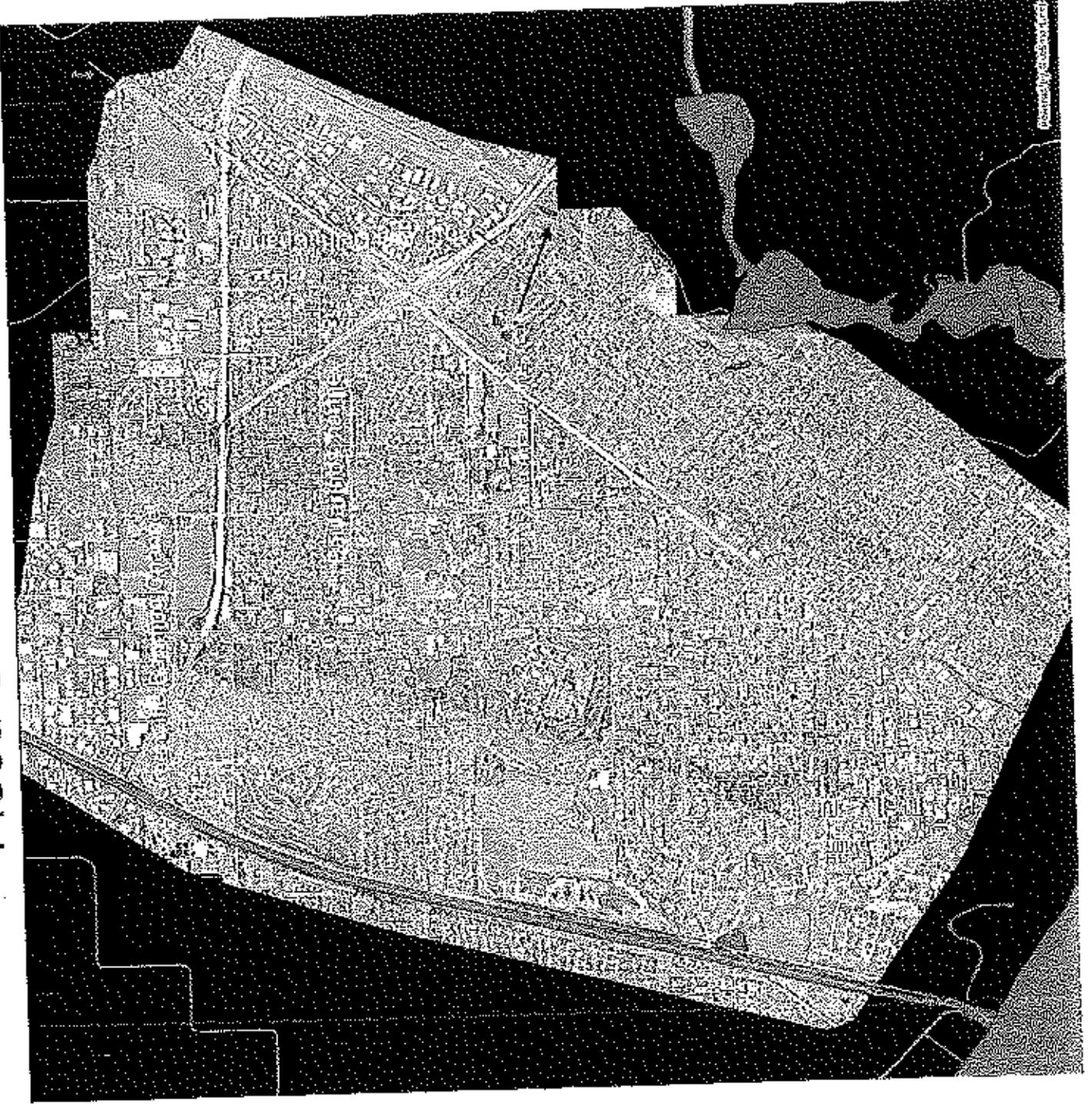
WILLIAM J. MORRIS

Director of Public Services

- ATTACHMENTS:**
- 1 Flood Control Channels Map
 - 2 Master Plan of Bikeways

- DISTRIBUTION:**
- Nadeem Majaj, P.E., Manager, County of Orange
 - Jeff Dickman, Trail Planning & Implementation, County of Orange
 - City Manager
 - Assistant City Manager
 - City Attorney
 - City Clerk
 - Deputy City Manager-Development Services Director
 - Director of Public Services
 - Staff
 - File

Flood Control Channels



REGULAR ADJOURNED MEETING (STUDY SESSION) OF THE

**CITY COUNCIL
CITY OF COSTA MESA**

May 8, 2007

The City Council of the City of Costa Mesa, California met in a Regular Adjourned Meeting (Study Session), on Tuesday, May 8, 2007, at 4:50 p.m. in the Conference Room 1A of City Hall, 77, Fair Drive, Costa Mesa. The meeting was called to order by the Mayor.

ROLL CALL:

Council Members Present: Mayor Allan Mansoor
Mayor Pro Tem Eric Bever
Council Member Linda Dixon
Council Member Katrina Foley
Council Member Wendy Leece

Council Members Absent: None

Officials Present: City Manager Allan Roeder
Assistant City Manager Thomas Hatch
City Attorney Kimberly Hali Barlow
Finance Director Marc Puckett
Interim Fire Chief Steven Parker
Transportation Manager Peter Naghavi
Police Sergeant Philip Myers
City Clerk Julie Folcik

I. PUBLIC COMMENT

1. Frank (Last name inaudible), Member of the County Regional Trails Advisory Committee, he spoke in support of the suggestions made in relative to the Joint Use Flood Control/Bicycle Trails, and urged the Council's support.
2. Beth Refakes, Costa Mesa, regarding the Animal Control Ordinand expressed concern requiring the cats to wear collars with tags due to the safety issues, the withholding of food and water from strays and opposes the reduction of the number of animals one may keep.

3. Gary Monahan, Costa Mesa, suggested that the City, the Lion's Club and the Model Engineers, meet regarding the relocation of the Lion's Club Annual Fish Fry to the grass area of Fairview Park.
4. Cindy Brennaman, Costa Mesa, addressed the issue of the location of the Royal Palm Fire Station, she informed the Council that the Mesa Verde Homeowners Association is very interested in the potential relocation of the fire station expressing issues of concern relative to the level of service. She felt that it needs to stay South of the 405 Freeway.

II. ITEMS FOR DISCUSSION

1. Regional Mobility/Air Transportation Presentation
Allan Roeder, City Manager introduced Jim Gosnell, Deputy Executive Director and Darin Chidsey, Member Relations Officer of the Southern California Association of Governments) who presented a report relative to the regional issues surrounding the air transportation, site location, traffic and planning for the future growth.
2. Status on Fire Department 2007 Deployment Review Report
Interim Fire Chief Steven Parker provided an overview of the study that was prepared by Emergency Services Consulting, Inc. relative the feasibility of relocating Fire Station #1 (Royal Palm Fire Station). He and Ronny J. Coleman, Senior Vice President of Emergency Services Consulting responded to questions from the Council relative to the options presented. No action was taken by the City Council.

The Mayor recessed the meeting at 6:00 p.m. and reconvened the session at 6:10 p.m.

3. Joint Use Flood Control/Bicycle Trails
Transportation Manager Peter Naghavi made a presentation relative to the feasibility of providing multi purpose trails for recreational purposes utilizing existing maintenance roads and flood control channels within the City. No action was taken on this item.
4. Vicious Dog Ordinance
Kimberly Hall Barlow, City Attorney reviewed the proposed changes to the Animal Control Ordinance. Discussion ensued amongst the Council on those elements of concern such as the number of animals that are allowed within the definition of wild/exotic pets, and identification of cats and dogs. She along with Police Sergeant Philip Myers responded to questions.

5. Use of Davis Ball Field in Lion's Park for Carnivals

Mark Puckett summarized the report relative to the use of park facilities. Discussion ensued relative to the effects of the use of Davis Field for a carnival purposes, the costs associated with mitigations, and criteria that could be established for the permitting of the activity on city and joint use properties.

6. Employee of the Month

The City Council reviewed applications for Employee of the Month, a preference was indicated, absent any objection. Announcement of the Employee of the Month would be made at a subsequent City Council meeting.

III. COUNCIL MEMBERS REPORTS, COMMENTS, AND SUGGESTIONS

No reports were given

IV. ADJOURNMENT:

The Mayor declared the City Council meeting adjourned at 7:20 p.m. The next Regular Meeting will be held May 15, 2007, at 6:00 p.m.



CITY COUNCIL AGENDA REPORT

MEETING DATE: JUNE 5, 2007

ITEM NUMBER:

SUBJECT: PROPOSED FLOOD CONTROL CHANNEL MULTIPURPOSE TRAIL

DATE: MAY 23, 2007

FROM: PUBLIC SERVICES DEPARTMENT - TRANSPORTATION SERVICES DIVISION

PRESENTATION BY: PETER NAGHAVI, TRANSPORTATION SERVICES MANAGER

**FOR FURTHER INFORMATION CONTACT: PETER NAGHAVI, TRANSPORTATION SERVICES
MANAGER - (714) 754-5182**

RECOMMENDED ACTION:

1. Direct staff to commence preliminary design concepts plans, and conduct a public outreach program regarding a multipurpose pedestrian and bicycle trail along the Paularino Channel and Santa Ana/Delhi Flood Control Channels.
2. Approve Budget Adjustment No. 07-078 in the amount of \$75,000 to appropriate funds from AB 2766 Air Quality Improvement Fund into a new capital improvement project account for preliminary design, and public outreach for this project.
3. Direct staff to return to Council at the conclusion of project preliminary design/public outreach stage for further consideration.

BACKGROUND:

The Transportation Services Division maintains a citywide Master Plan of Bikeways (MPB). MPB designates three classes of bikeways, and these are:

Class One:

Off-street multidirectional bike trails that provide dedicated concrete or asphalt trails outside traffic lanes.

Class Two:

On-street dedicated (striped) directional bike lanes.

Class Three:

On-street undedicated bike routes that are designated with signs only.

Staff continuously looks for ways to improve and increase such facilities within the City. MPB provides not only these facilities for recreational purposes, but also alternative mode of transportation which results in lower emission issues. In an effort to provide a better east/west connection between the Santa Ana River Regional Trail and the Upper Newport Bay, staff has completed a preliminary investigation of the possibility of utilizing existing flood control maintenance roads for the above purpose.

ANALYSIS:

In August 2006, staff conducted a comprehensive review of all flood control channels in the City and found that only Paularino and Santa Ana/Delhi Channels may be suitable to possibly provide a multipurpose trail on existing and/or improved maintenance roads serving the facility.

The proposed flood control maintenance road facilities will provide a non-continuous walking/bicycle trail from east of Fairview Road, just north of Adams Avenue to Santa Ana Avenue; and then to Irvine Avenue/Upper Newport Bay walking/bicycle trail system.

City staff met with the Orange County Flood Control District (OCFCD) staff in September 2006 and January 2007 to present this concept. OCFCD staff is supportive of the idea with certain conditions, and believes that the project may be accomplished through a permit and agreement with the County. During field visits in August 2006, staff observed that the Santa Ana Heights Trail through Newport Beach Golf Course was closed at access points on Santa Ana Avenue and Irvine Avenue. Staff has worked with the County of Orange and was successful in reopening of this trail for public access in February 2007.

The Paularino and Santa Ana/Delhi Channels travel directly behind a number of single and multifamily dwellings. Upon Council approval of this item, staff will conduct a comprehensive "outreach" program to introduce this plan to every affected resident and receive their input for further refinement/improvement of this plan. Once the conceptual preliminary design along with "outreach" program is completed, staff will return to the City Council for further consideration. If final approval is given by Council, staff proposes to implement the construction through a phased program and through competitive grant sources as they become available.

ALTERNATIVES CONSIDERED:

One alternative would be to not proceed with the initial study/design for possible implementation of a multipurpose trail along Paularino and Santa Ana/Delhi Channels, and not approve Budget Adjustment No. 07-078. This action would discontinue staff's efforts to enhance walking and bicycling opportunities through the use of the flood control maintenance facilities.

A second alternative would be to direct staff to continue efforts in finding other possible on and off-street bike lane and bike trail opportunities that do not require the use of existing flood control channels' maintenance roads.

FISCAL REVIEW:

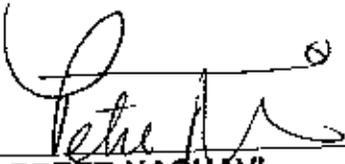
AB 2766 Air Quality Improvement allocations may be used to fund this project. The attached Budget Adjustment No. 07-078 in the amount of \$75,000 will appropriate adequate funds into a capital improvement project account for development of preliminary design and public outreach activities.

LEGAL REVIEW:

There is no legal review required on this item.

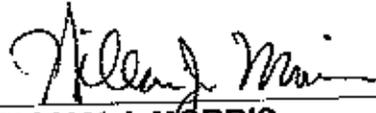
CONCLUSION:

Transportation Services staff have visited all flood control channel maintenance roads within the City and have determined that the Paularino and Santa Ana/Delhi Channels have the potential to provide a multipurpose trail to connect the Santa Ana River Regional Trail to the Upper Newport Bay Trail System. Staff recommends that the City Council direct staff to commence the preliminary design and public "outreach" for a multipurpose pedestrian and bicycle trail along the proposed route. Staff further requests Council approval of the attached Budget Adjustment No. 07-078 to proceed with the above tasks.



PETER NAGHAVI

Transportation Services Manager



WILLIAM J. MORRIS

Director of Public Services



MARC R. PUCKETT

Director of Finance

- ATTACHMENTS:
- 1 Budget Adjustment No. 07-078
 - 2 Flood Control Channels Map
 - 3 Master Plan of Bikeways
 - 4 Proposed Multipurpose Trail

DISTRIBUTION:

- City Manager
- Assistant City Manager
- City Attorney
- City Clerk
- Deputy City Manager-Development Services Director
- Director of Public Services
- Staff
- File

BUDGET ADJUSTMENT AUTHORIZATION

Serial Number
07-078

Division
Administration

Reason for Request:

To increase appropriations to fund the development of concept plans and public outreach activities for the Paularino Channel Multi-purpose Trail, as recommended to Council at their June 5, 2007 meeting.

- Expenditure Appropriation
- Intra-Departmental Transfer
- Inter-Departmental Transfer
- Project-To-Project Transfer
- Appropriation Increase
- Appropriation Decrease

Department
Public Services

- Revenue Estimate
- Estimate Increase
- Estimate Decrease
- Source
- From Existing Budget Appropriations
- From Donations, Fees, or Grants
- From Unappropriated Fund Balance

Unit	Account	Name	Fund	Organization	Program	Project/Grant	Increase	Decrease
CITY	340295	Undesignated	233	90000	50240	-	-	\$75,000
CITY	500000	Exp - Paularino Channel Multi-Purpose Trl	203	19300	30210	-	\$75,000	-
-	-	-	-	-	-	-	-	-
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Department Authorization:

Bill Moran
Department Director

5/22/07
Date

Recommendation: Approval Disapproval

Reasons For Disapproval:

Director of Finance

Date

City Manager Action:

Approved Disapproved Not Required

Budget Verification:
The above information has been reviewed, is complete and accurate, and the appropriations and/or unappropriated funds are sufficient to support the request.

Yes No

Date

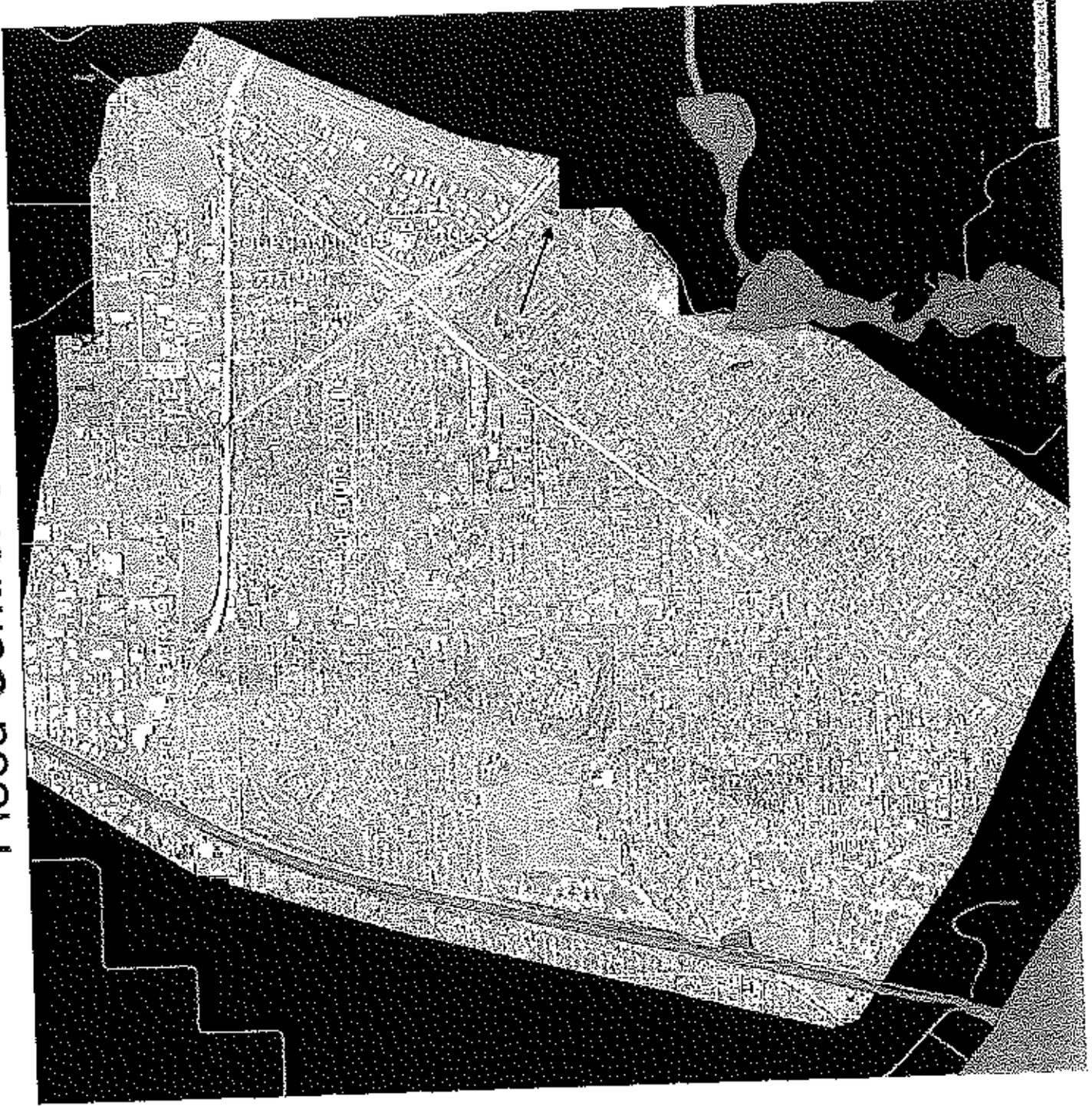
City Council Action:

Approved Disapproved Not Required

Date

Budget and Research Officer

Flood Control Channels





City of Costa Mesa Council Agenda ACTION AGENDA TUESDAY, JUNE 5, 2007

Allan Mansoor
Mayor

Linda Dixon
Council Member

Katrina Foley
Council Member

Eric Bever
Mayor Pro Tem

Wendy Leece
Council Member

City Attorney
Kimberly Hall Barlow

City Manager
Allan Roeder

Development Services Director
Donald Lamm

Public Services Director
William Morris

City Clerk
Julie Fotcik

**Council Chambers, 77 Fair Drive
5:00 p.m. – Closed Session and 6:00 p.m. – Council Meeting**

TIME LIMIT FOR CITY COUNCIL MEETINGS: Except by majority vote of the City Council to continue, meetings shall conclude at midnight. If there is unfinished business on the Agenda, those items will be continued to the next regularly scheduled City Council meeting, pursuant to Resolution No. 05-8.

Welcome to the City Council Meeting

Your attendance at this public meeting is valued and appreciated.

The following City codes, guidelines, and reminders are provided for your information:

1. In accordance with Costa Mesa Municipal Code, Sec. 2-64 (1): No person in the audience shall "engage in disorderly, disruptive, disturbing, delaying or boisterous conduct including but not limited to, handclapping, stomping of feet, whistling, making noise, use of profane language or obscene gestures, yelling or similar demonstrations, which may disrupt the peace and good order of the Council proceedings."
2. All cell phones and pagers are to be turned off or set to vibrate. Members of the audience are requested to step outside the Council Chambers to respond to a page or to conduct a phone conversation.
3. In accordance with City Council Policy 000-11, and among other requirements, any video submitted for display at a public meeting must have been previously reviewed by staff to verify appropriateness for general audiences. A copy of this policy is available at City Hall during normal office hours.

learning opportunity; and expressed support of the item.

MOTION: Approve temporary street closures for portions of Placentia Avenue, Victoria Street, Harbor Boulevard, and Fair Drive, on July 27, 2007.

Moved by Mayor Pro Tem Eric Bever, seconded by Council Member Katrina Foley.

The motion carried by the following roll call vote:

Ayes: Mayor Allan Mansour, Mayor Pro Tem Eric Bever, Council Member Linda Dixon, Council Member Katrina Foley, Council Member Wendy Leece

Noes: None.

Absent: None.

3. Proposed Flood Control Channel Multipurpose Trail.

(a). Budget Adjustment No. 07-078 in the amount of \$75,000, appropriating funds from the AB 2766 Air Quality Improvement Fund to the capital improvement project account for the Flood Control Channel Multipurpose Trail.

Transportation Services Manager Peter Naghavi presented the staff report and responded to City Council questions.

Brian Valles, Costa Mesa, asked the Council to support the item and reported that this would address the neighborhood concerns on the unsightly trails behind the residences.

MOTION: Direct staff to commence preliminary design concepts plans, and conduct a public outreach program regarding a multipurpose pedestrian and bicycle trail along the Paularino Channel and Santa Ana/Delhi Flood Control Channels; and Direct staff to return to Council at the conclusion of project preliminary design/public outreach stage for further consideration.

Moved by Council Member Katrina Foley, seconded by Mayor Pro Tem Eric Bever.

The motion carried by the following roll call vote:

Ayes: Mayor Allan Mansour, Mayor Pro Tem Eric Bever, Council Member Linda Dixon, Council Member Katrina Foley, Council Member Wendy Leece

Noes: None.

Absent: None.

MOTION: Approve the Budget Adjustment; and authorize the City Manager to sign.

Moved by Council Member Katrina Foley, seconded by Mayor Pro Tem Eric Bever.

The motion carried by the following roll call vote:

Ayes: Mayor Allan Mansour, Mayor Pro Tem Eric Bever, Council Member Linda Dixon, Council Member Katrina Foley, Council Member Wendy Leece

Noes: None.

Absent: None.

X. **REPORTS**

The City Attorney reported that City Prosecutor Dan Peelman is doing well after his heart surgery.

IX NEW BUSINESS

1. A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF COSTA MESA, CALIFORNIA, OPPOSING ANY CHANGE IN THE LAND USE OF THE NEWPORT BEACH GOLF COURSE AND SUPPORTING THE DEVELOPMENT OF 1100 BRISTOL STREET SITE FOR ACTIVE RECREATIONAL PURPOSES.

Recommendation: Consider the adoption of resolution

ACTION: Adopted Resolution No. 07-51; and to send a letter of the approved resolution to the Board of Supervisors and the City of Newport Beach. FOLEY/BEVER. ALL AYES. MOTION CARRIED.

2. An application by the 32nd Agricultural District for a special event to close certain segments of certain streets to traffic within the City of Costa Mesa for the purpose of a limited and controlled Cattle Drive from Fairview Park to the Orange County Fairgrounds on Friday July 27, 2007, between the hours of 10 AM to 12 Noon.

Recommendation: Consider temporary street closures for portions of Placentia Avenue, Victoria Street, Harbor Boulevard, and Fair Drive on July 27, 2007

ACTION: Approved. BEVER/FOLEY. ALL AYES. MOTION CARRIED.

3. Proposed Flood Control Channel Multipurpose Trail.

Recommendation: Direct staff to commence preliminary design concepts plans, and conduct a public outreach program regarding a multipurpose pedestrian and bicycle trail along the Paularino Channel and Santa Ana/Delhi Flood Control Channels; and Direct staff to return to Council at the conclusion of project preliminary design/public outreach stage for further consideration.

- (a) Budget Adjustment No. 07-078 in the amount of \$75,000, appropriating funds from the AB 2766 Air Quality Improvement Fund to the capital improvement project account for the Flood Control Channel Multipurpose Trail.

Recommendation: Approve; and authorize the City Manager to sign

ACTION: Directed staff to commence preliminary design concepts plans, and conduct a public outreach program regarding a multipurpose pedestrian and bicycle trail along the Paularino Channel and Santa Ana/Delhi Flood Control Channels; and directed staff to return to Council at the conclusion of project preliminary design/public outreach stage for further consideration. FOLEY/BEVER. ALL AYES. MOTION CARRIED.

ACTION: Approved Budget Adjustment. FOLEY/BEVER. ALL AYES. MOTION

CARRIED. _____

X REPORTS

City Attorney:

City Manager:

XI ADJOURNMENT – Adjourn to June 12, 2007, 4:30p.m., for a Study Session. Next Regular City Council Meeting June 19, 2007.

CITY OF COSTA MESA
TRANSPORTATION SERVICES DIVISION

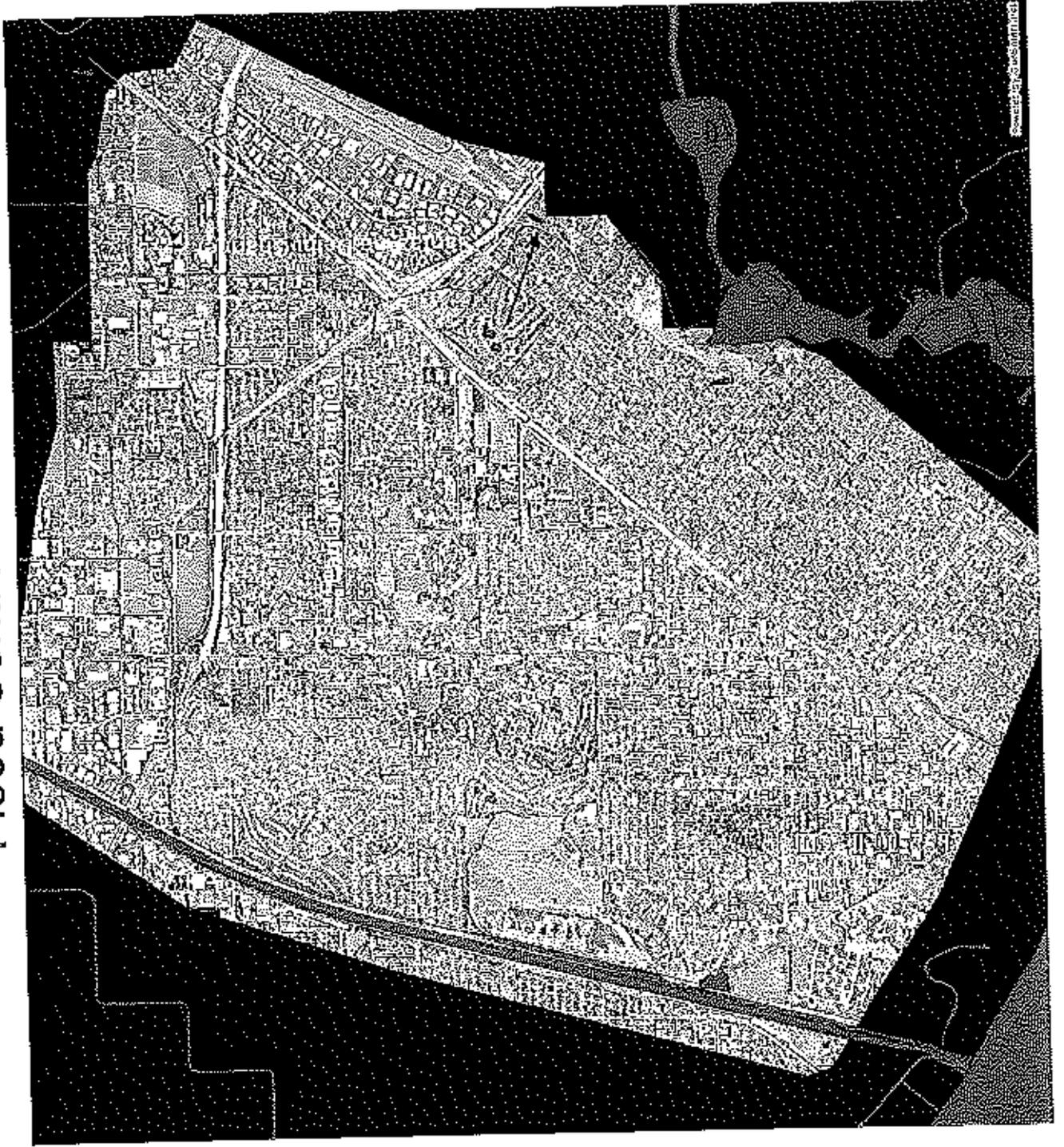
**PROPOSED FLOOD CONTROL
CHANNEL MULTIPURPOSE
TRAILS**

CITY COUNCIL MEETING

DECEMBER 4, 2007

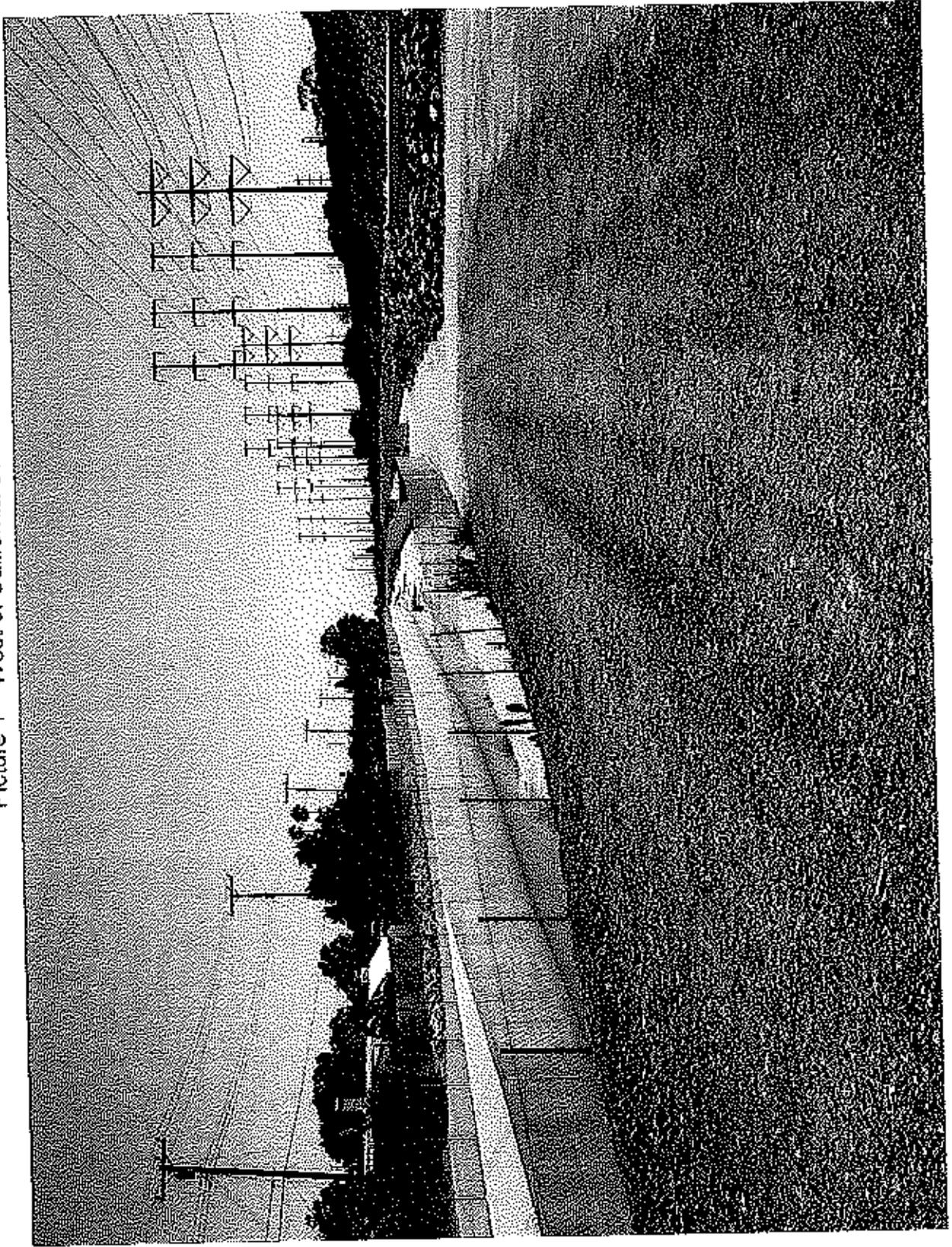


Flood Control Channels



Greenville Banning Channel

Picture 1 – West of California St.



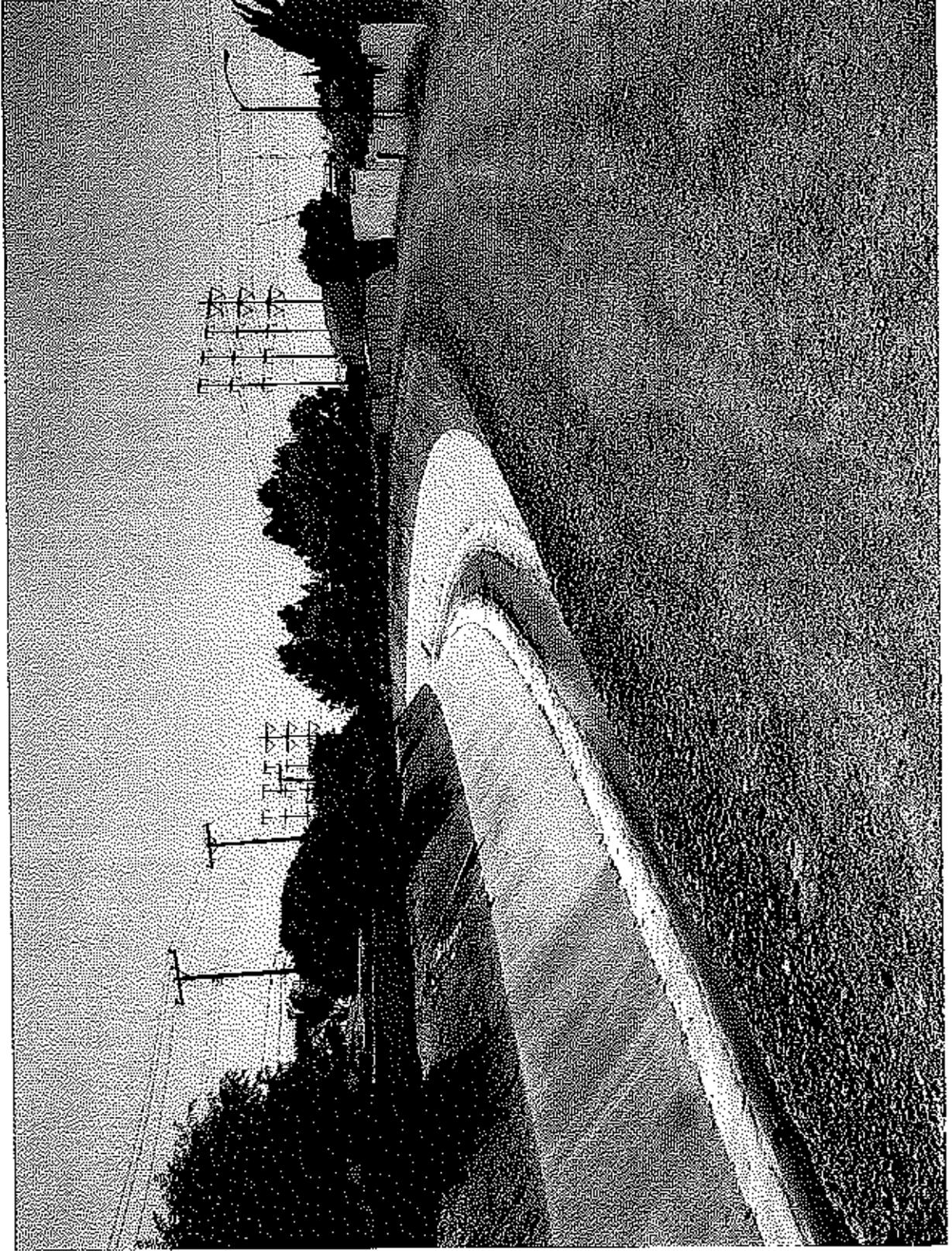
Greenville Banning Channel

Picture 2 - West of California St.



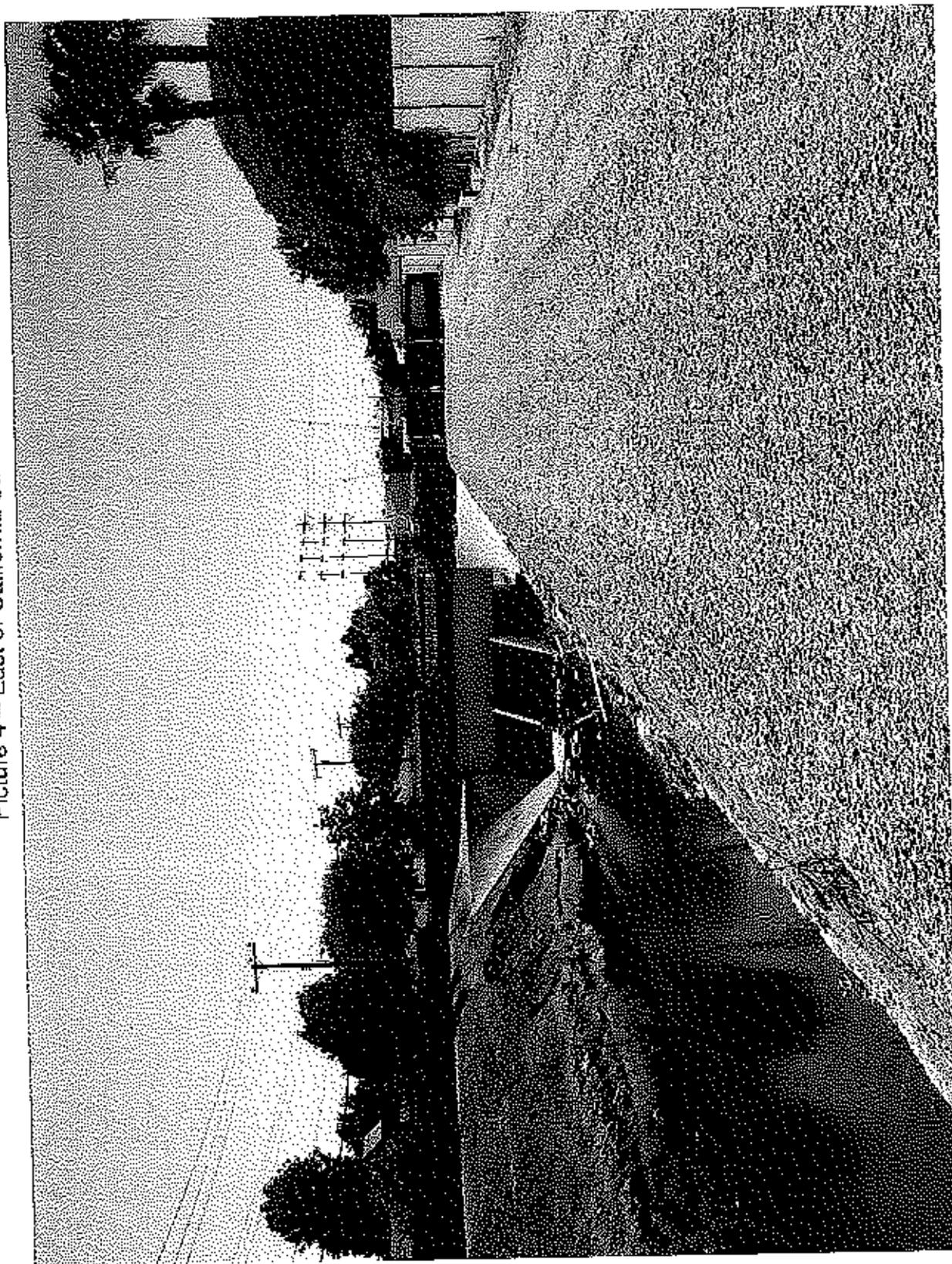
Greenville Banning Channel

Picture 3 -- West of California St.



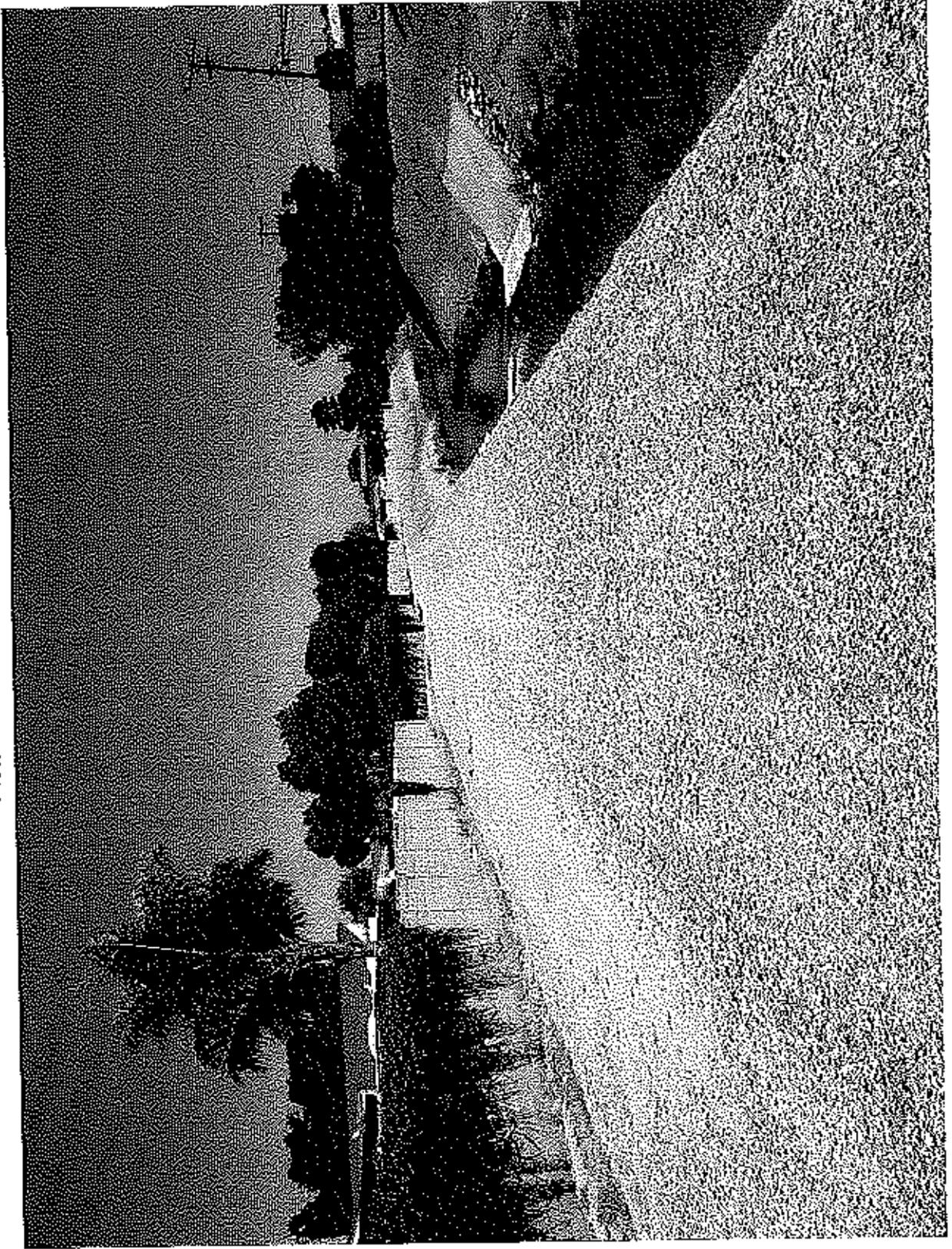
Greenville Banning Channel

Picture 4 -- East of California St.



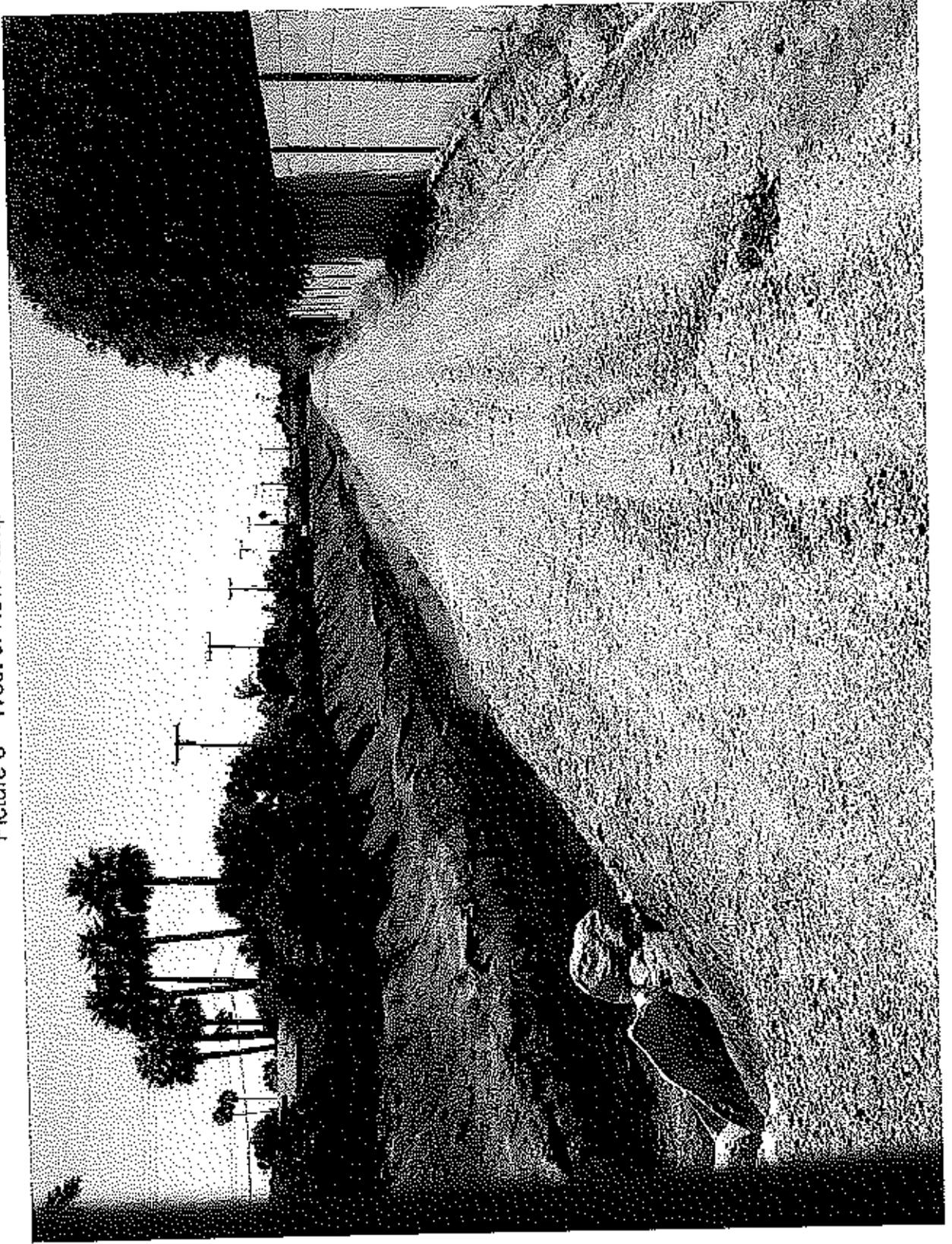
Greenville Banning Channel

Picture 5 -- East of California St.



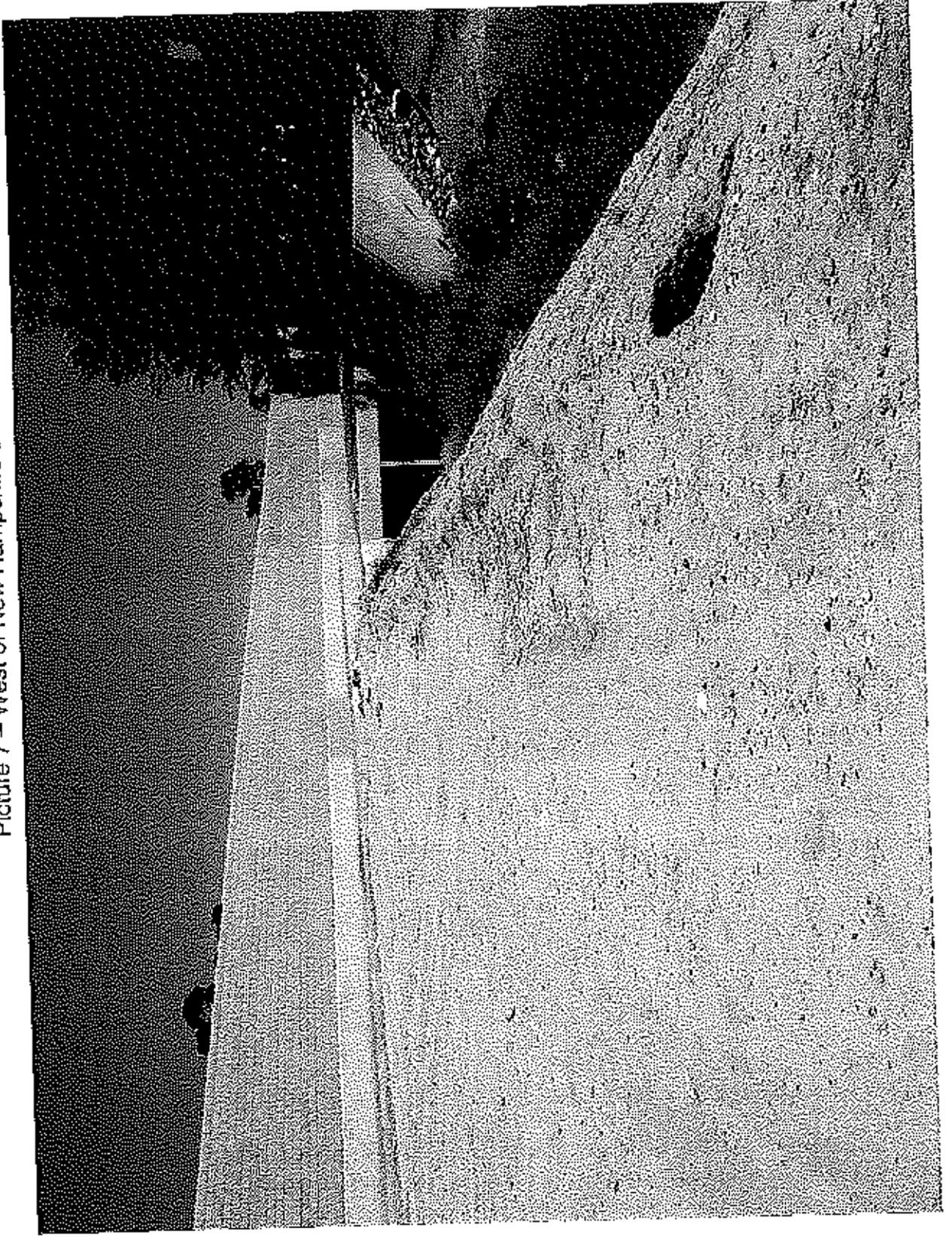
Greenville Banning Channel

Picture 6 - West of New Hampshire Dr.



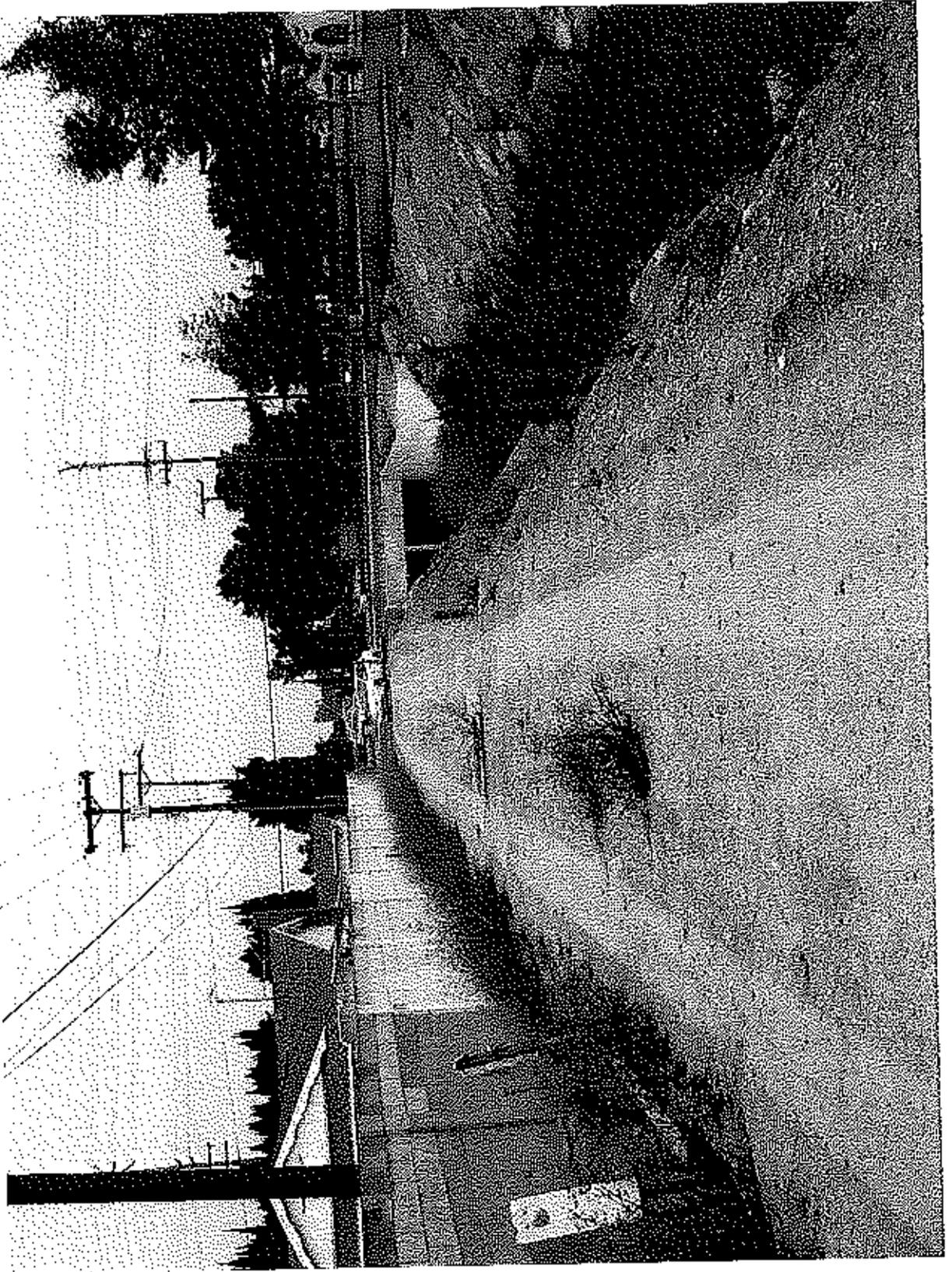
Greenville Banning Channel

Picture 7 – West of New Hampshire Dr.



Paularino Channel

Picture 8 -- East of Fairview Rd.



Paularino Channel

Picture 9 – East of Fairview Rd.



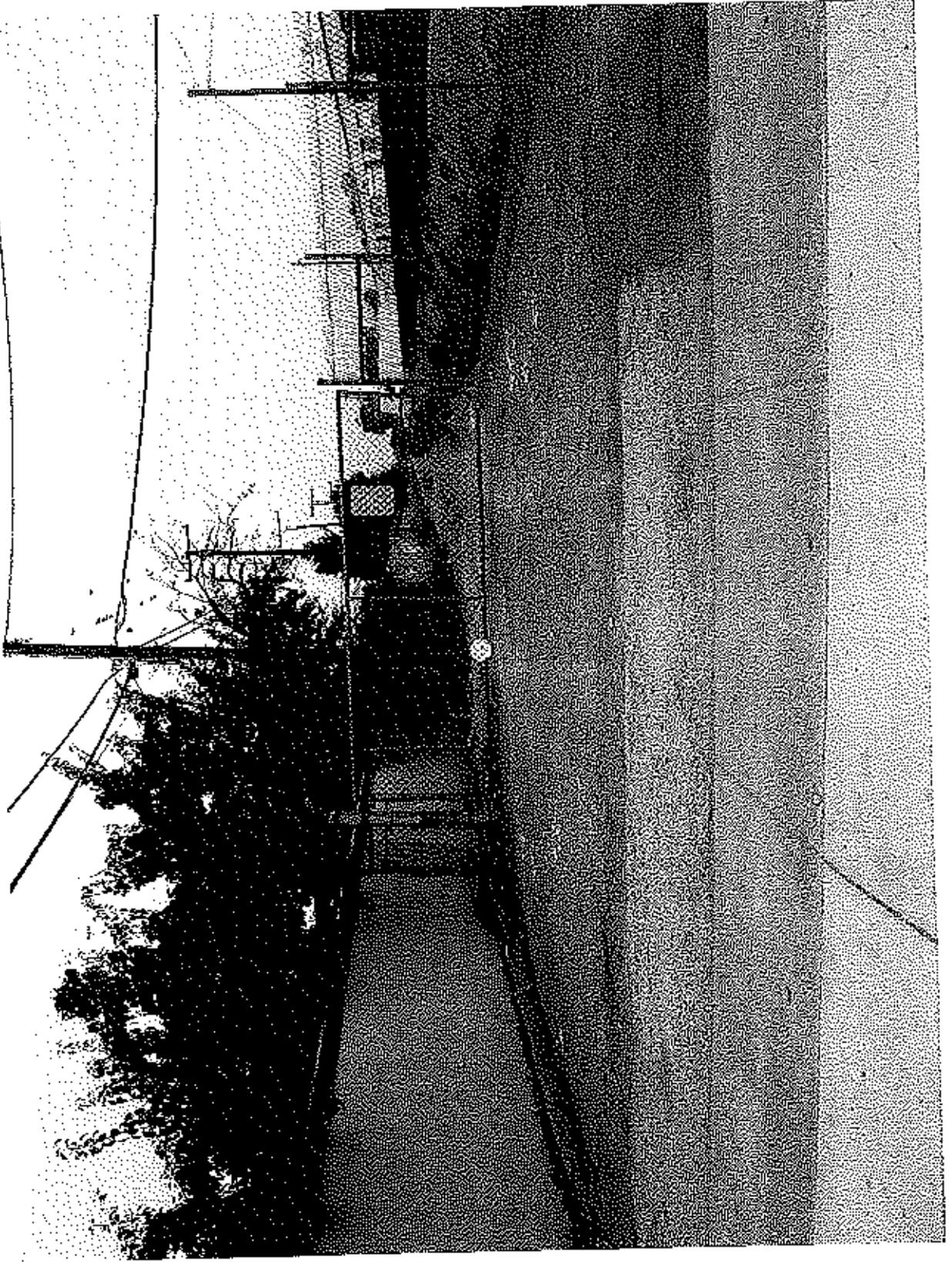
Paularino Channel

Picture 10 -- West of Mendoza Dr.



Paularino Channel

Picture 11 -- Eastside of Mendoza Dr.

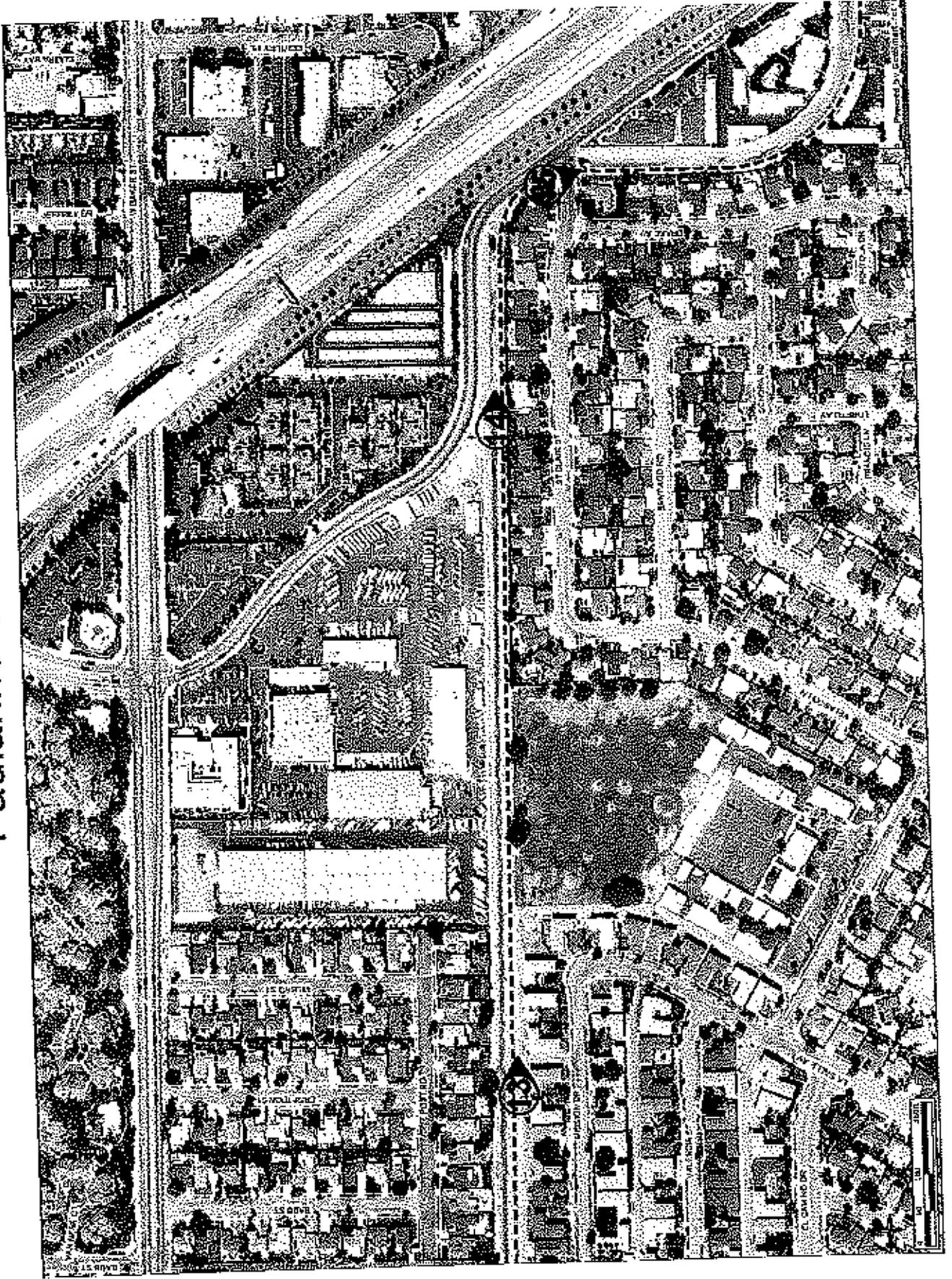


Paularino Channel

Picture 12 -- Eastside of Mendoza Dr.

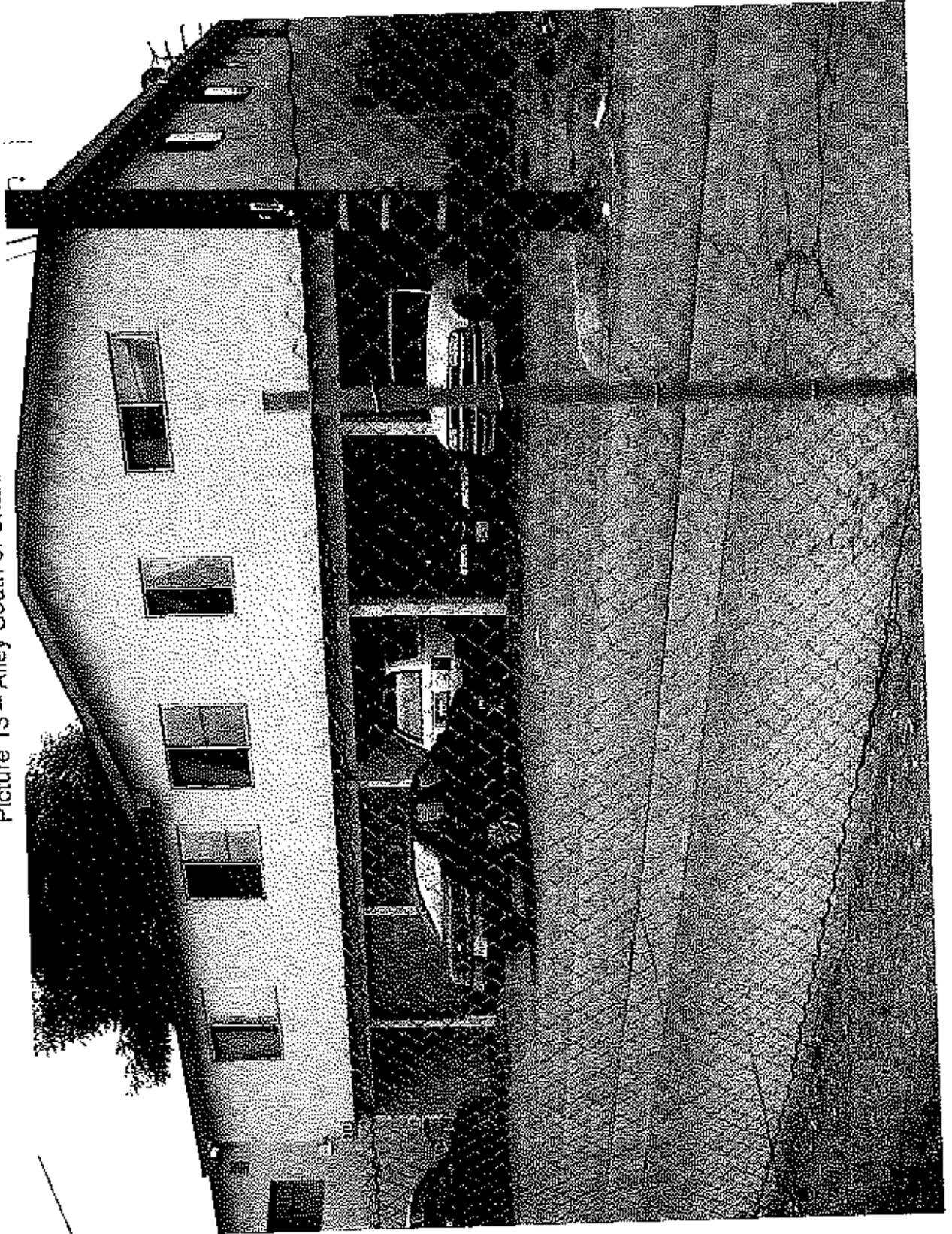


Paularino Channel



Paularino Channel

Picture 13 – Alley South of Channel



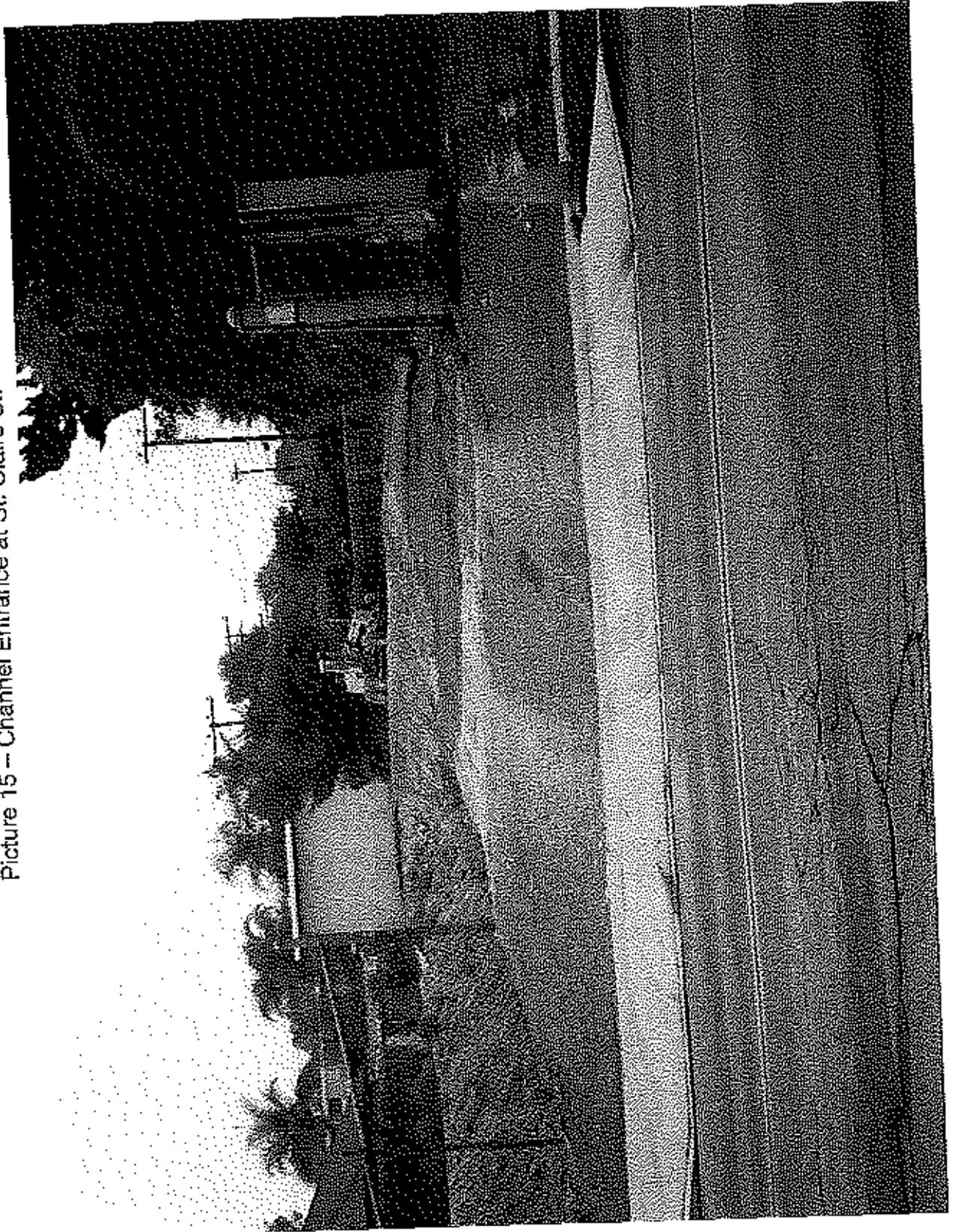
Paularino Channel

Picture 14 -- West of Bear St.



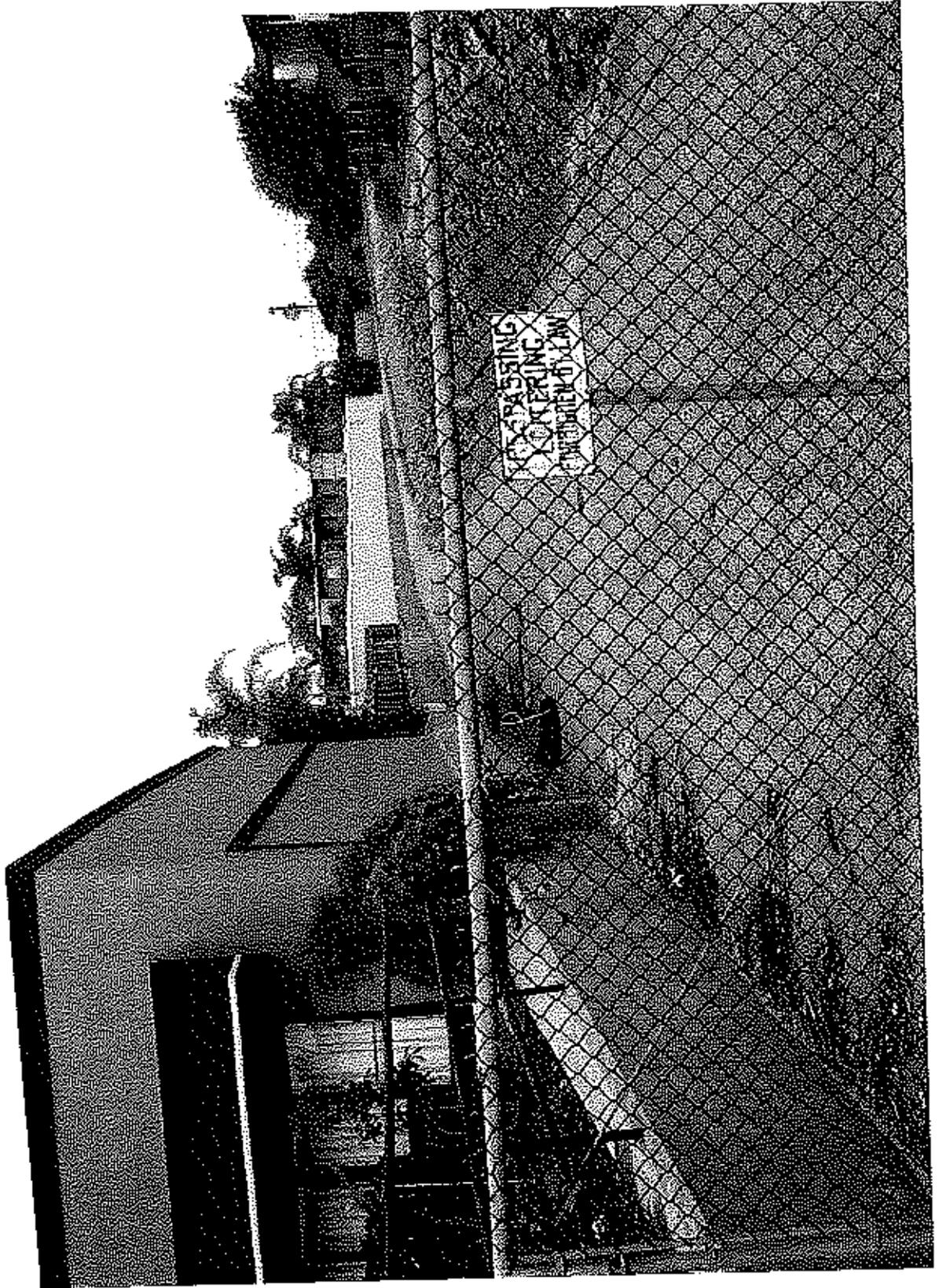
Paularino Channel

Picture 15 -- Channel Entrance at St. Claire St.



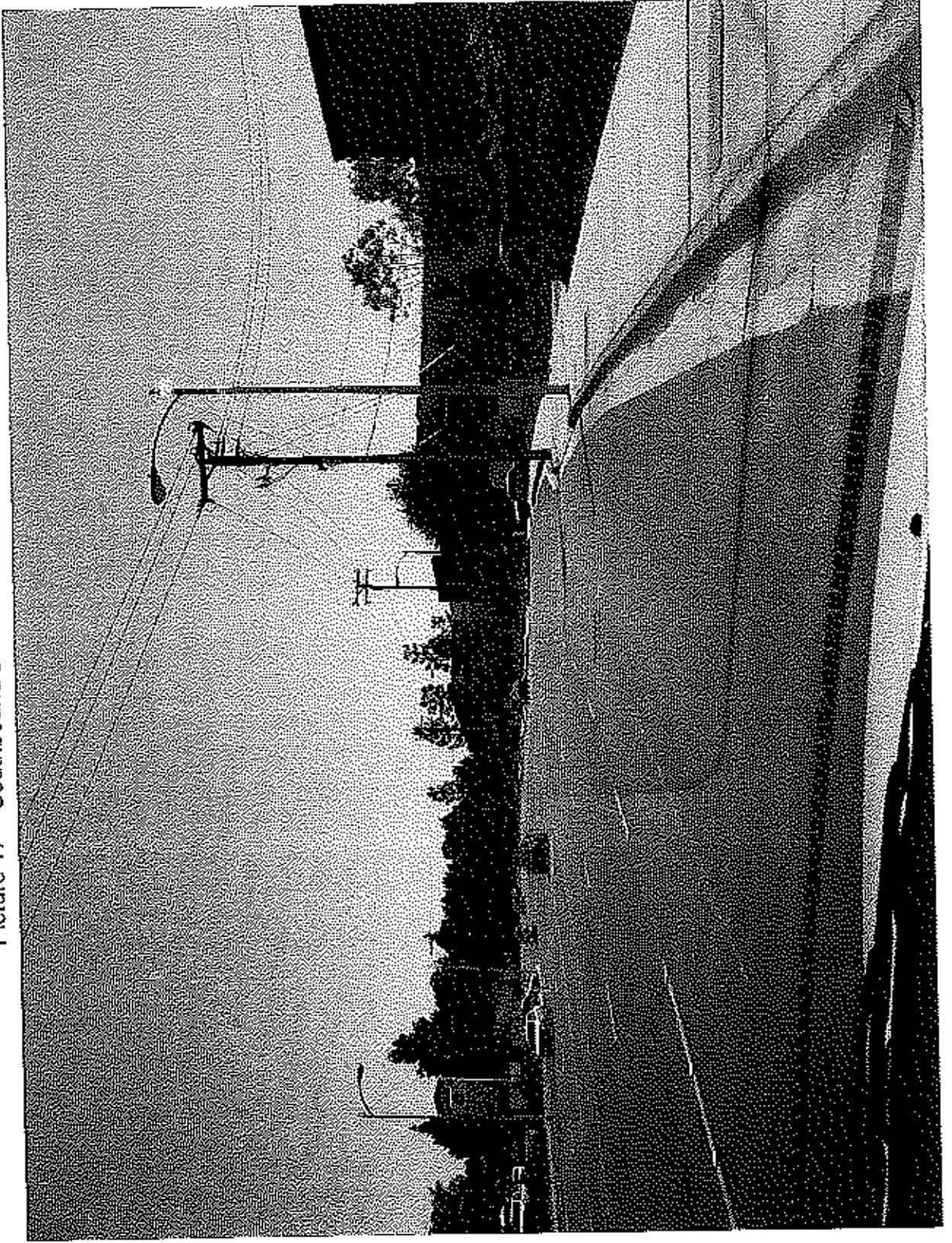
Bristol Street

Picture 16 – Paularino Channel West of Bristol Street



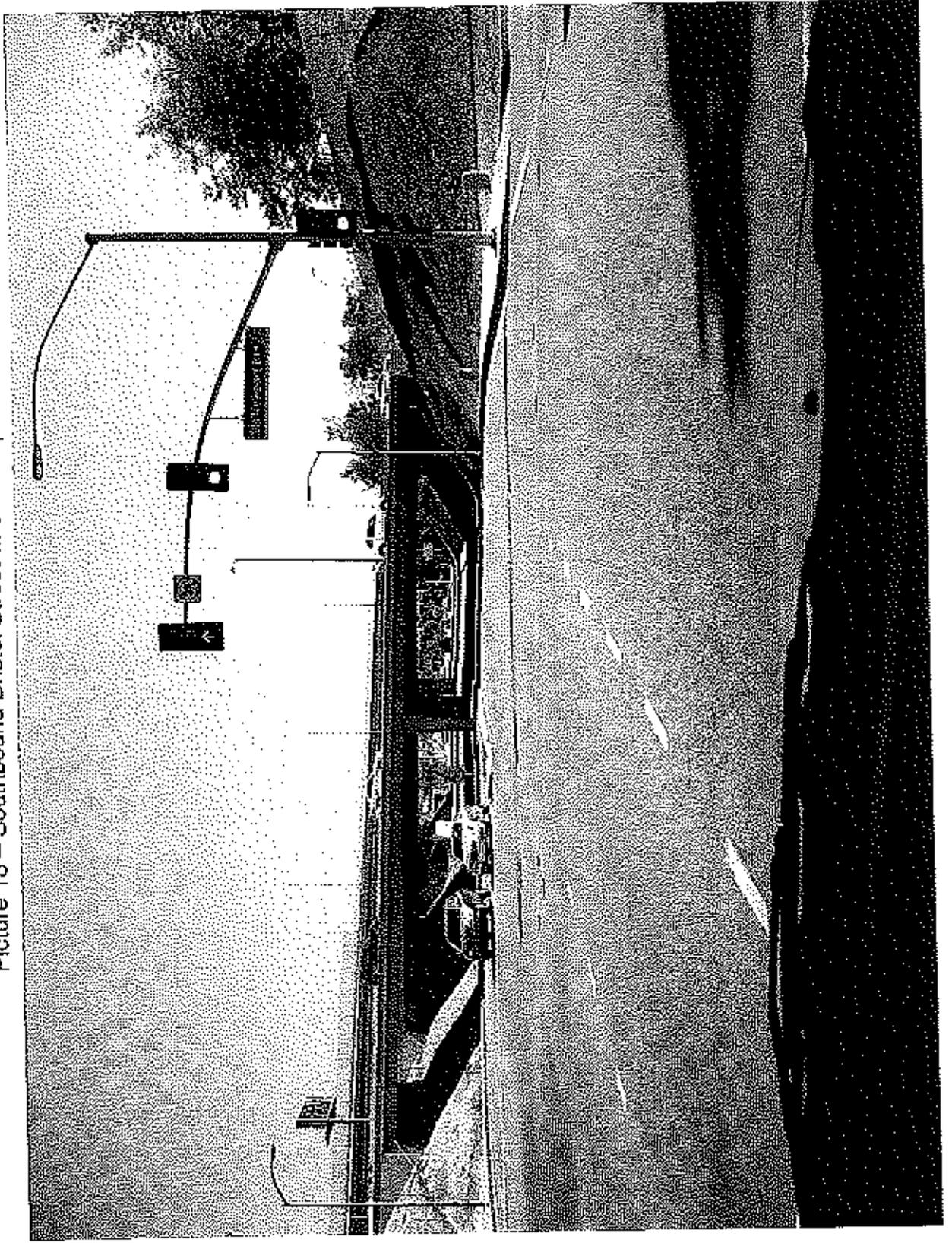
Bristol Street

Picture 17 -- Southbound Bristol Street South of Bear Street



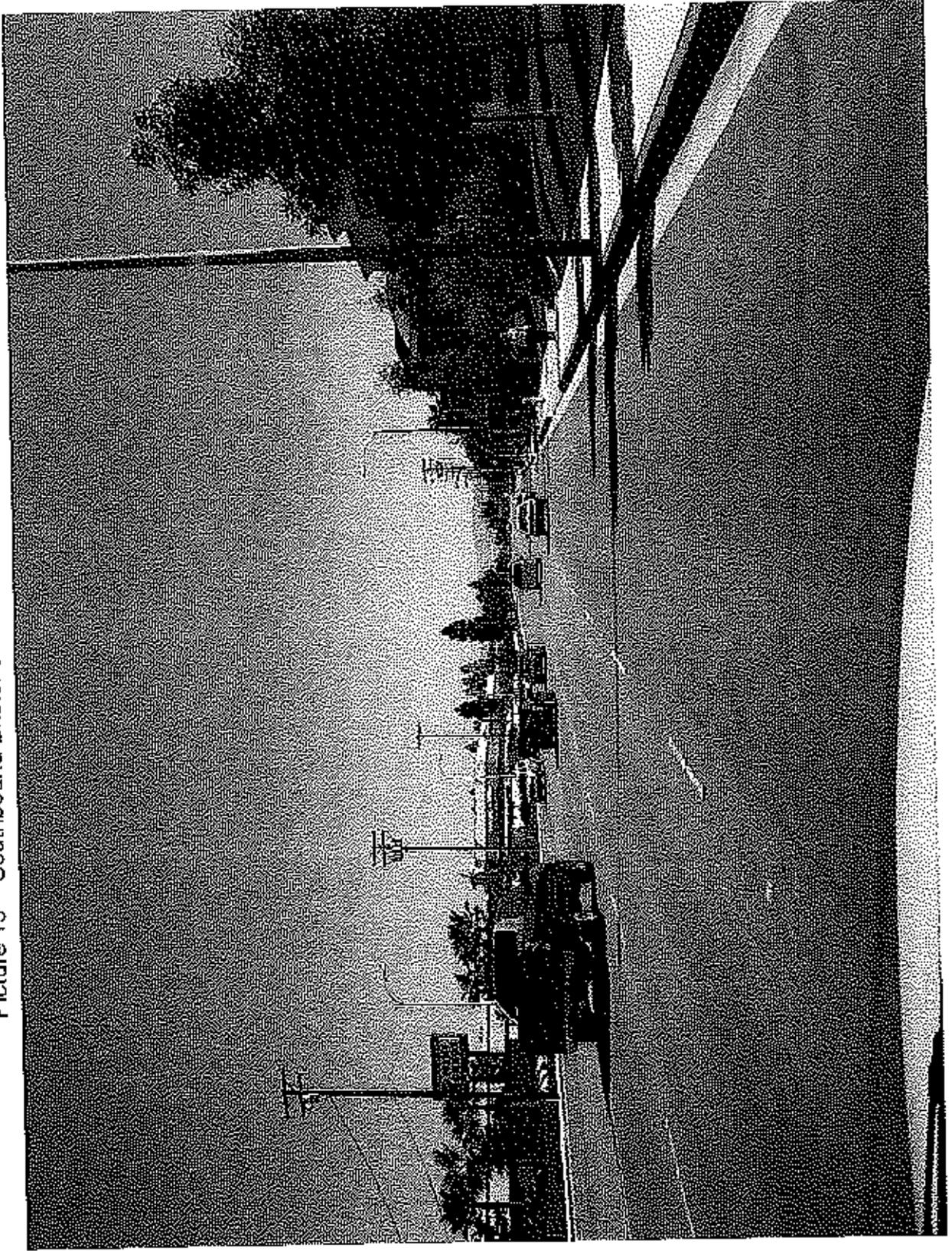
Bristol Street

Picture 18 – Southbound Bristol Street at SB Newport Boulevard



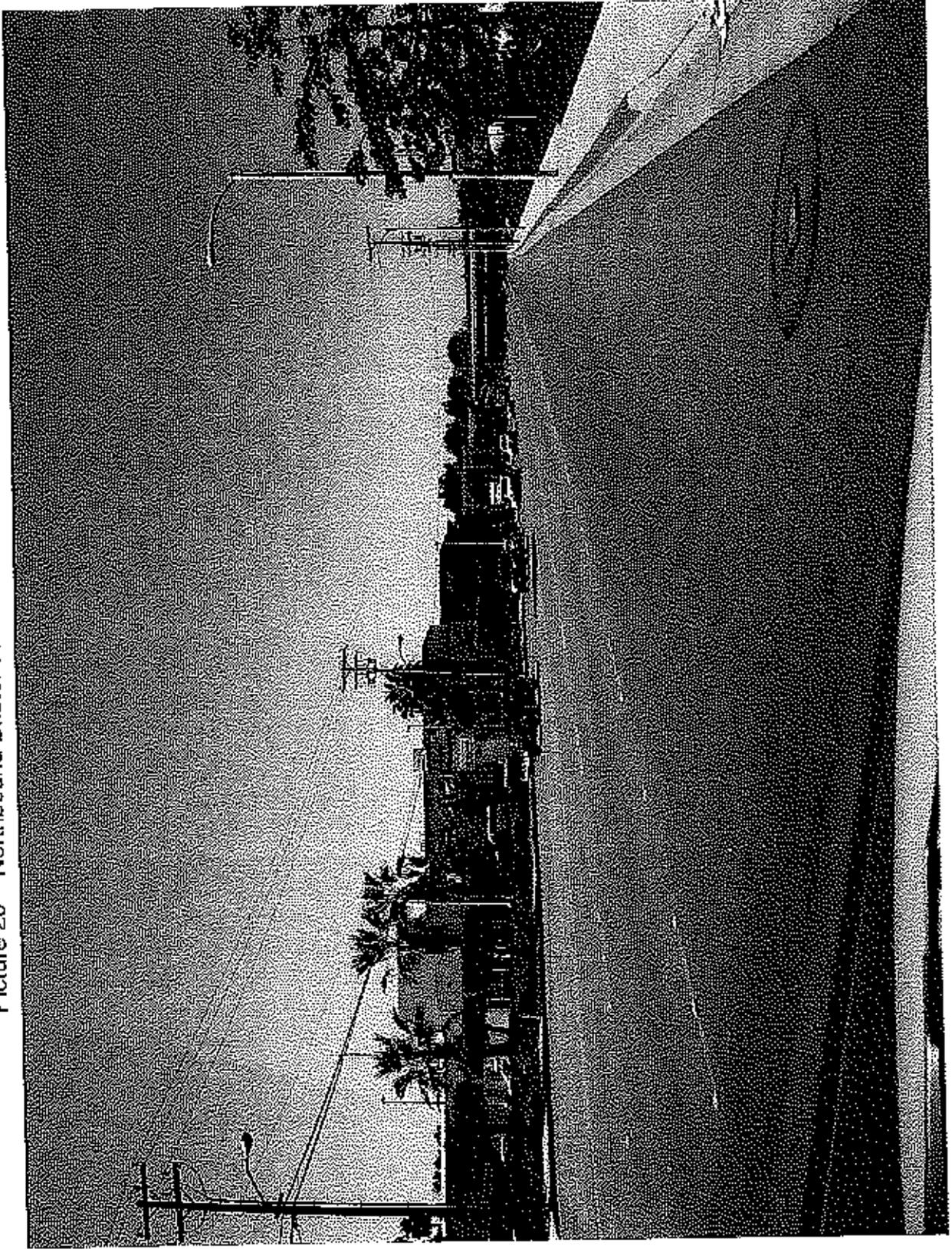
Bristol Street

Picture 19 -- Southbound Bristol St. South of Southbound Newport Blvd.



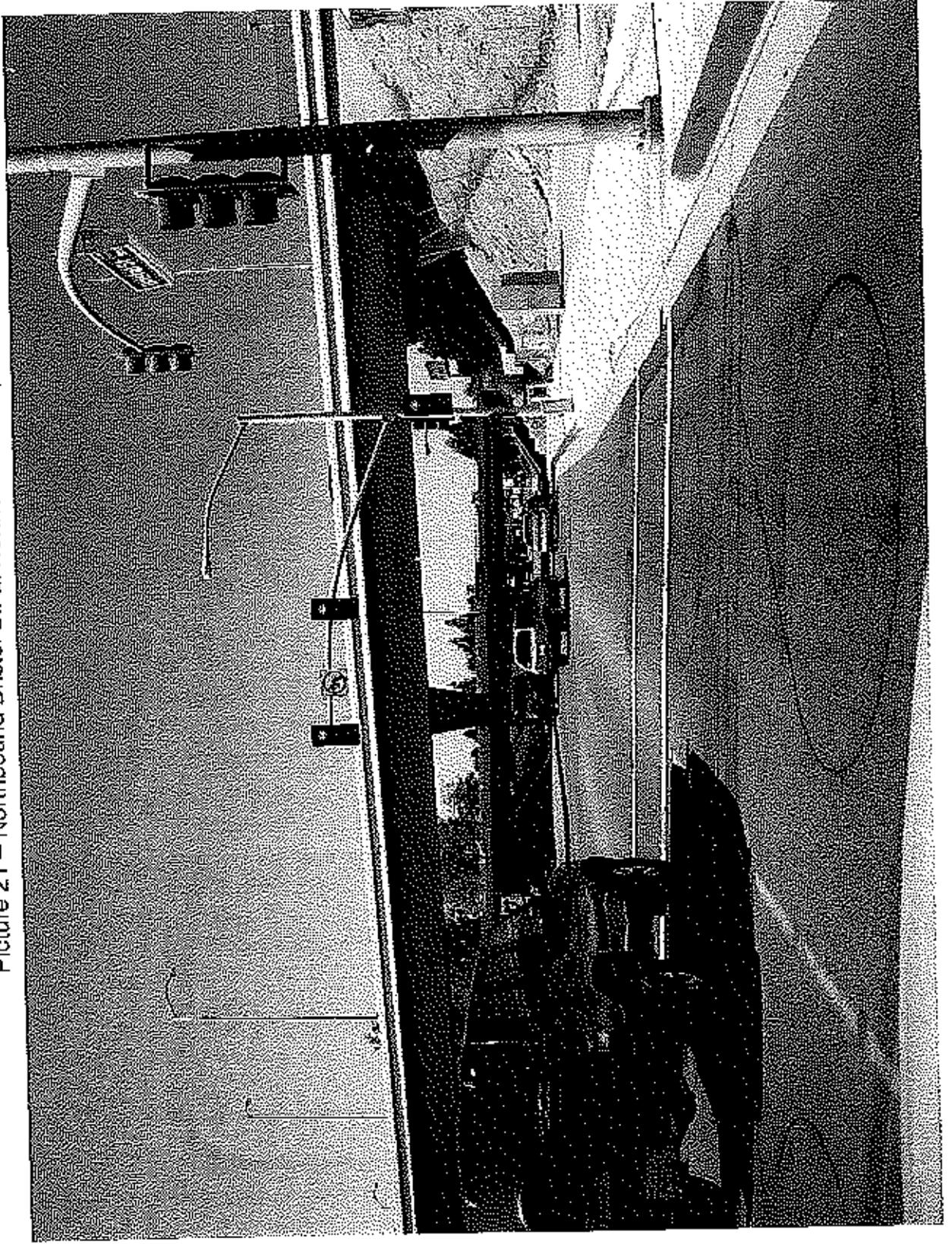
Bristol Street

Picture 20 – Northbound Bristol St. South of Northbound Newport Blvd.



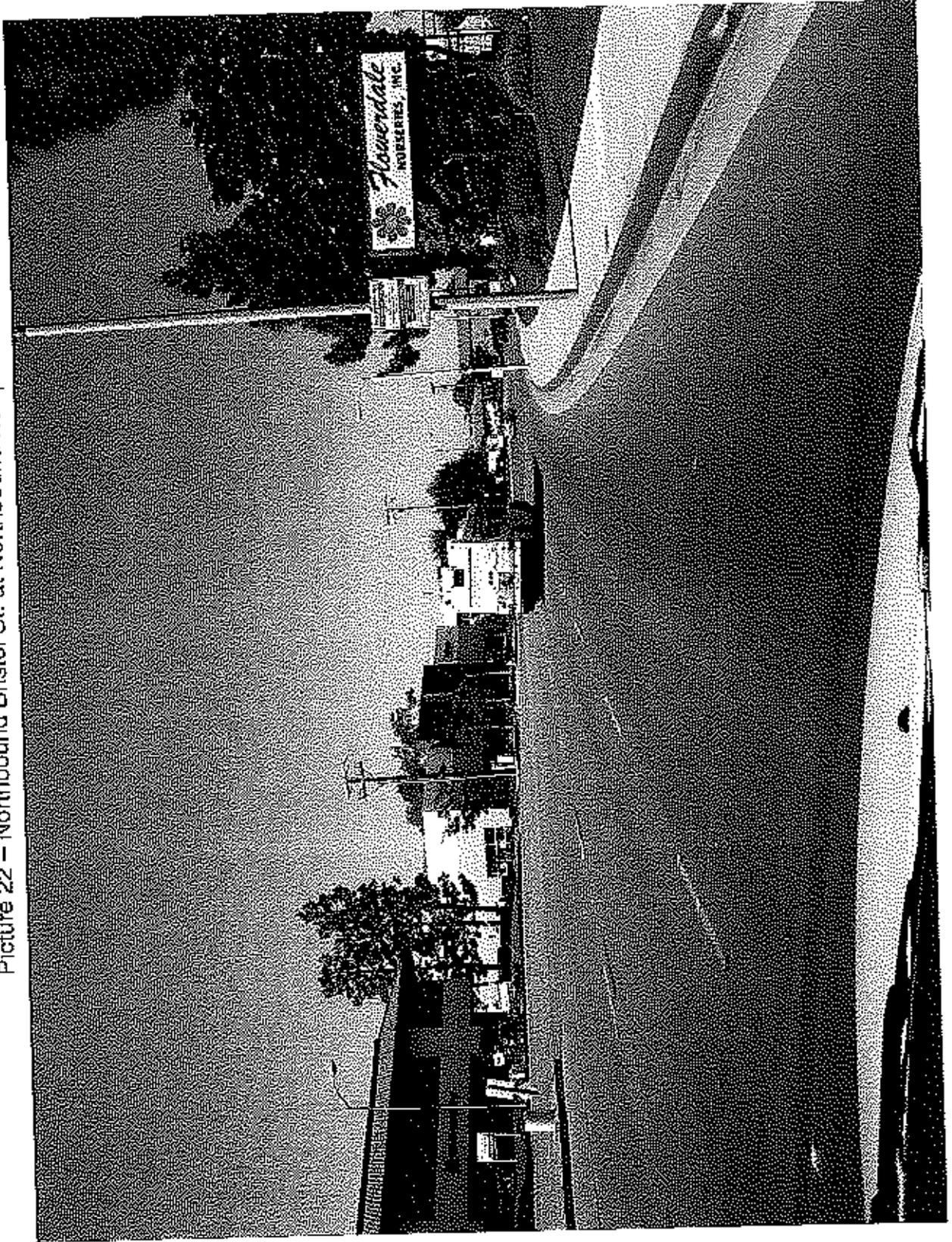
Bristol Street

Picture 21 – Northbound Bristol St. at Northbound Newport Blvd.



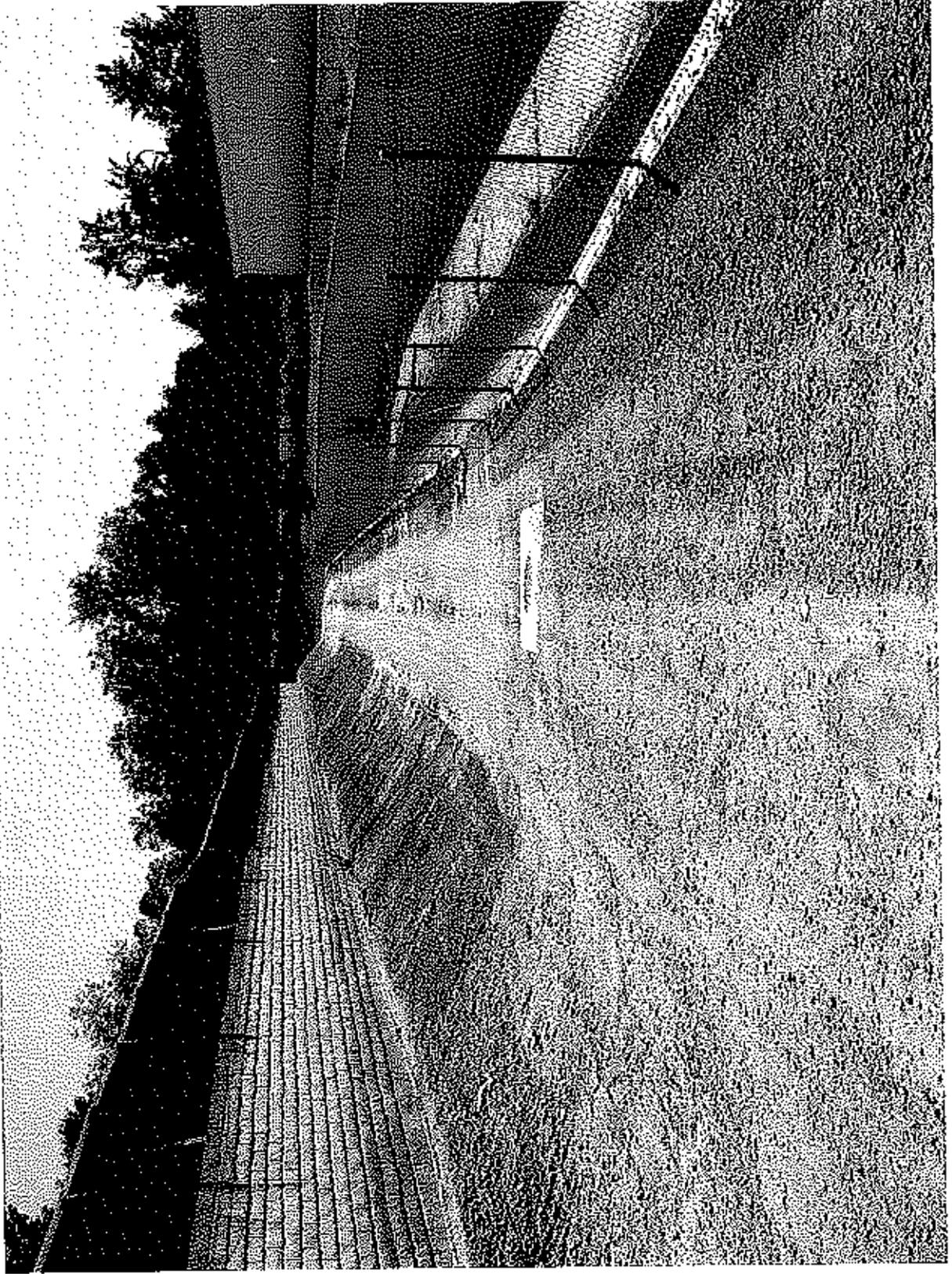
Bristol Street

Picture 22 – Northbound Bristol St. at Northbound Newport Blvd.



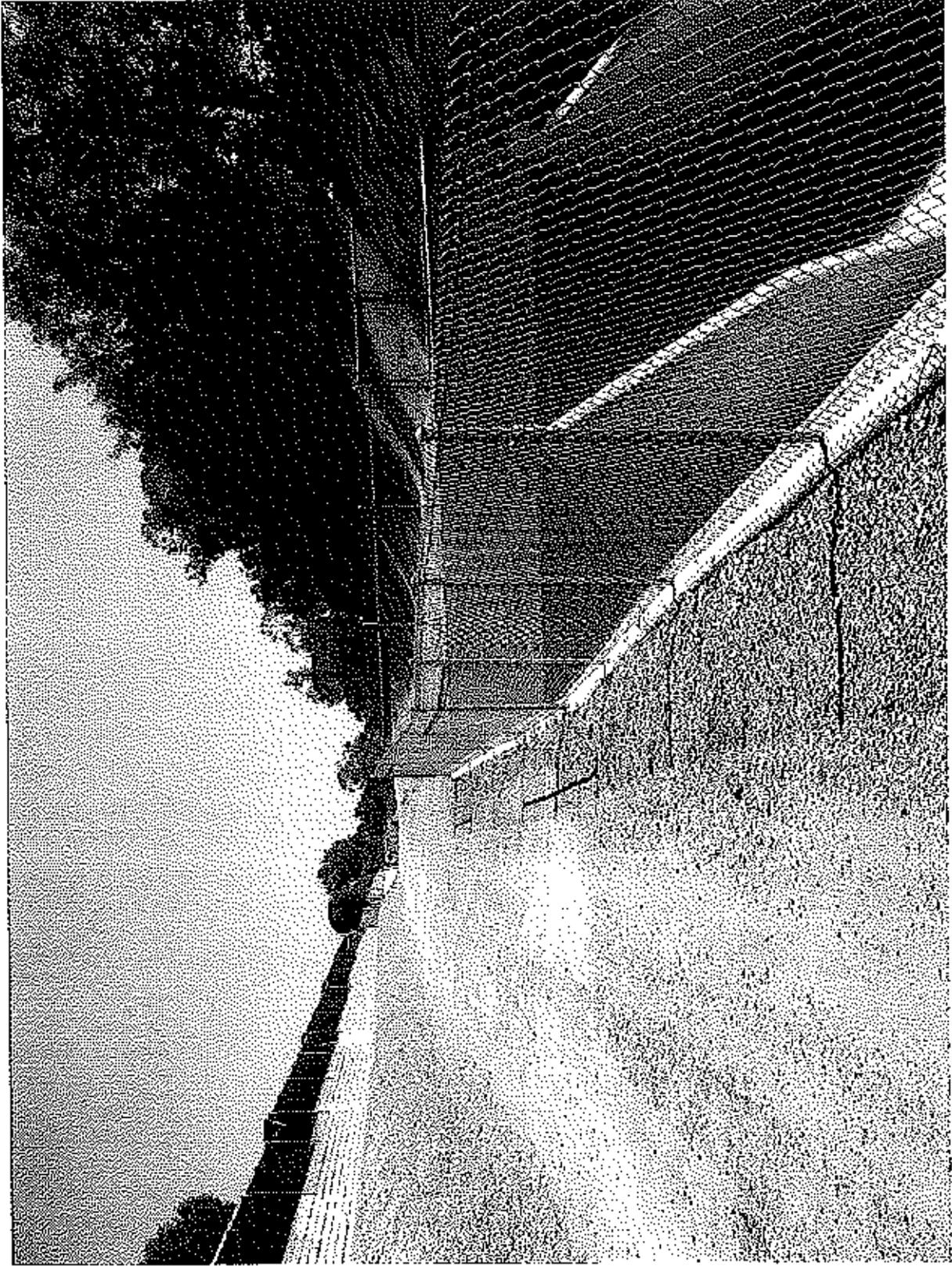
Santa Ana Delhi Channel

Picture 23 – South of Bristol Street



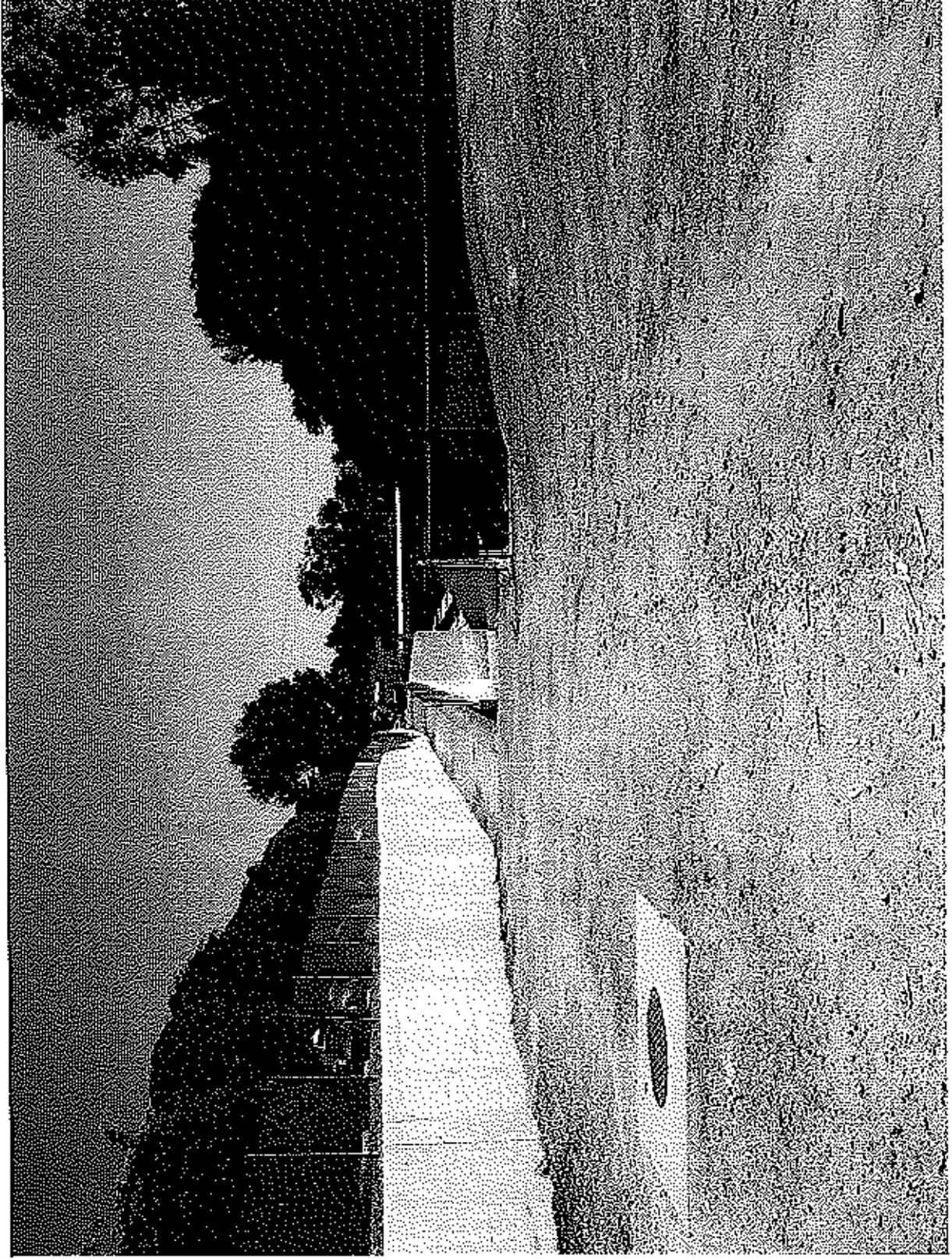
Santa Ana Delhi Channel

Picture 24 – Facing South

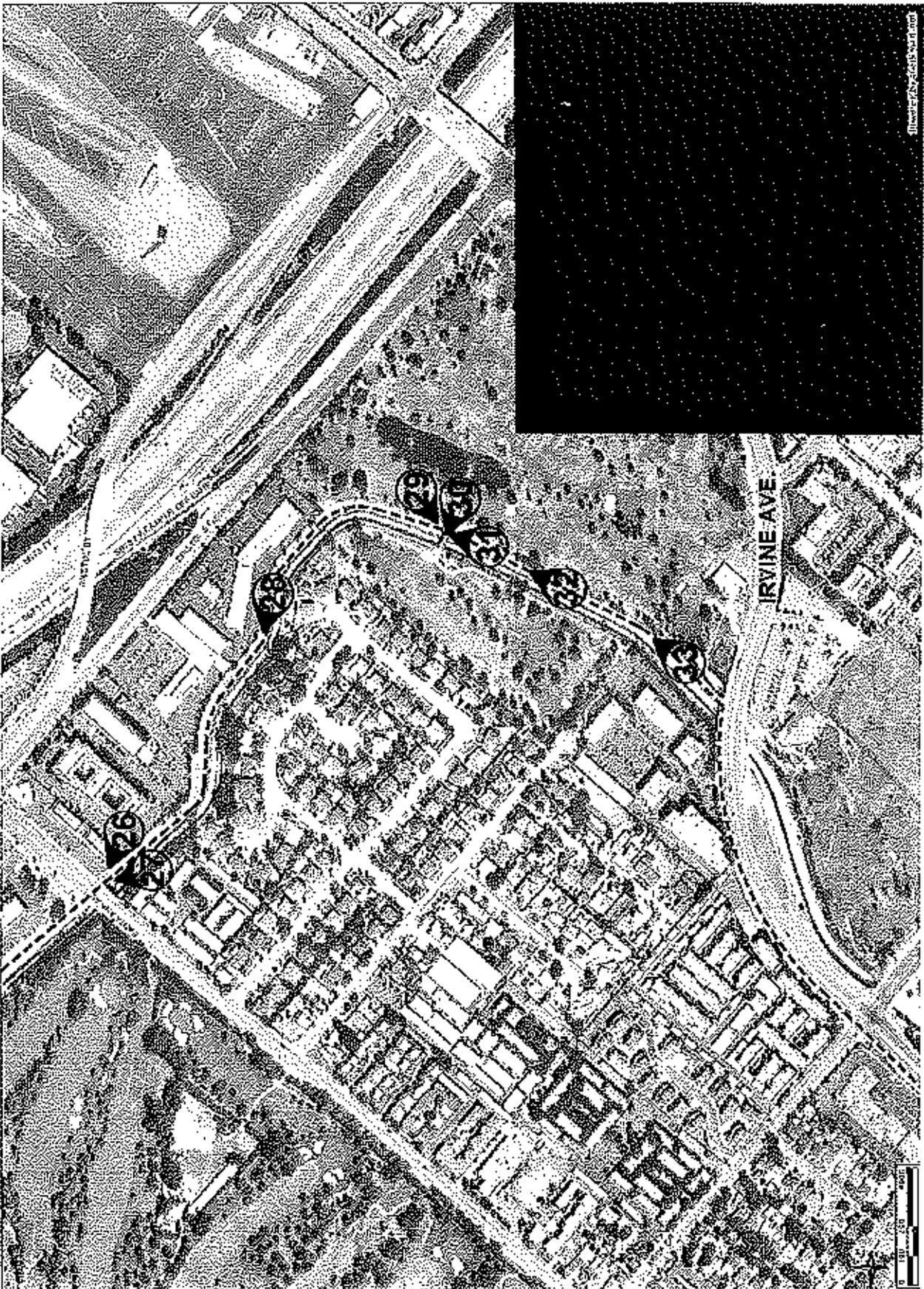


Santa Ana Delhi Channel

Picture 25 -- Facing South toward Santa Ana Avenue

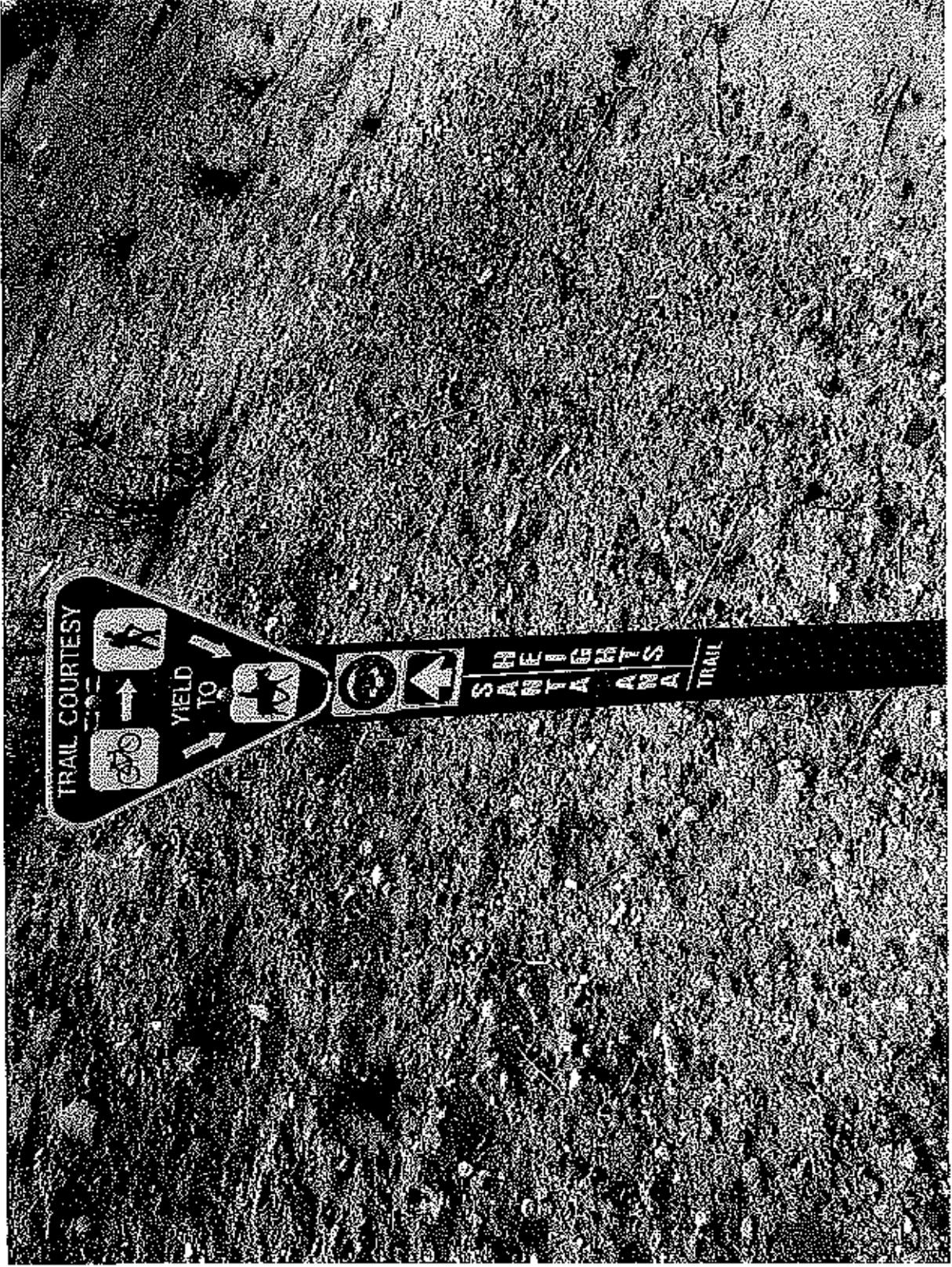


Santa Ana Heights Trail



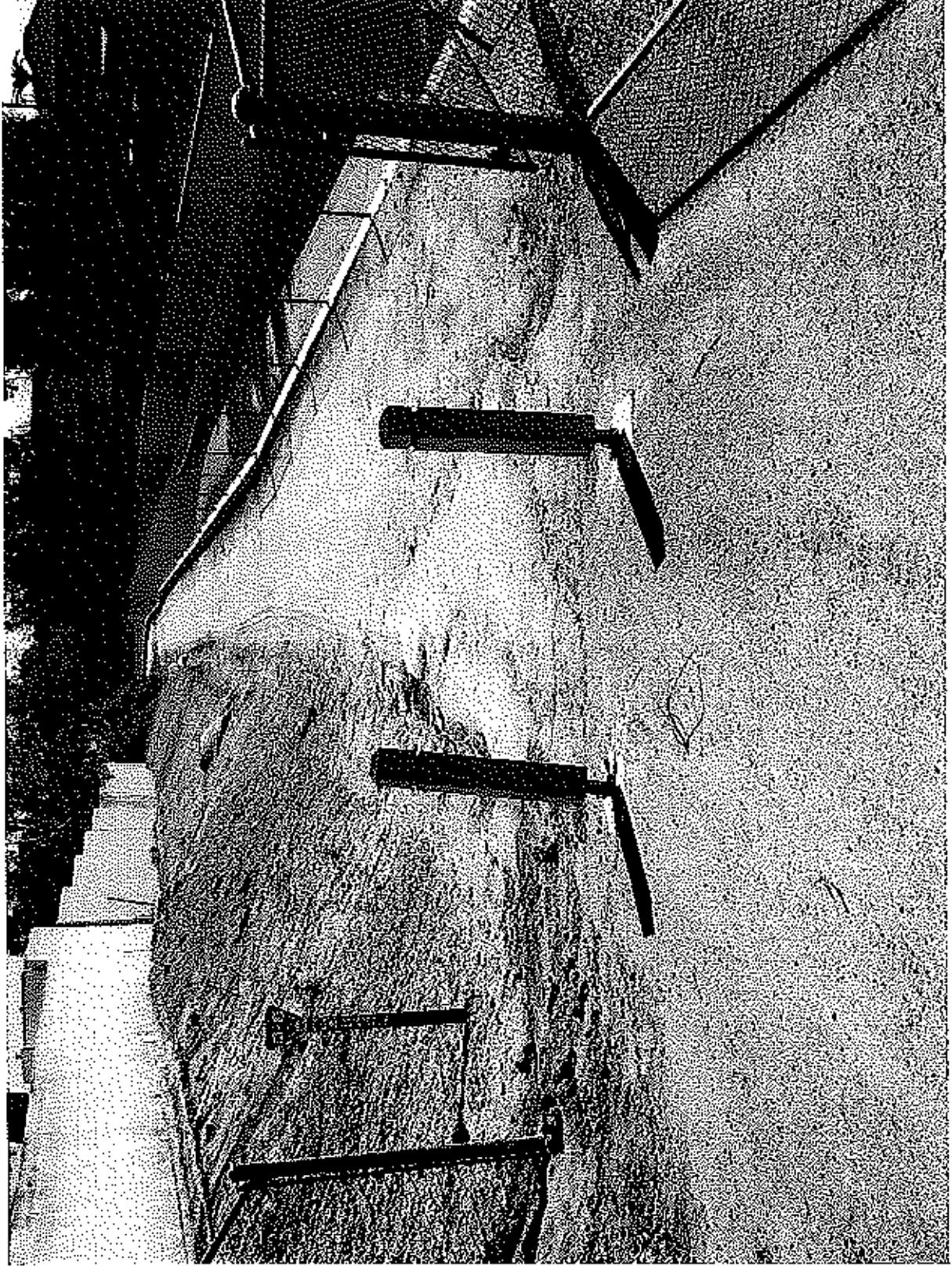
Santa Ana Heights Trail

Picture 26 – Trail Marker



Santa Ana Heights Trail

Picture 27 – East of Santa Ana Ave.



Santa Ana Heights Trail

Picture 28 – Existing Multi-Purpose Trail



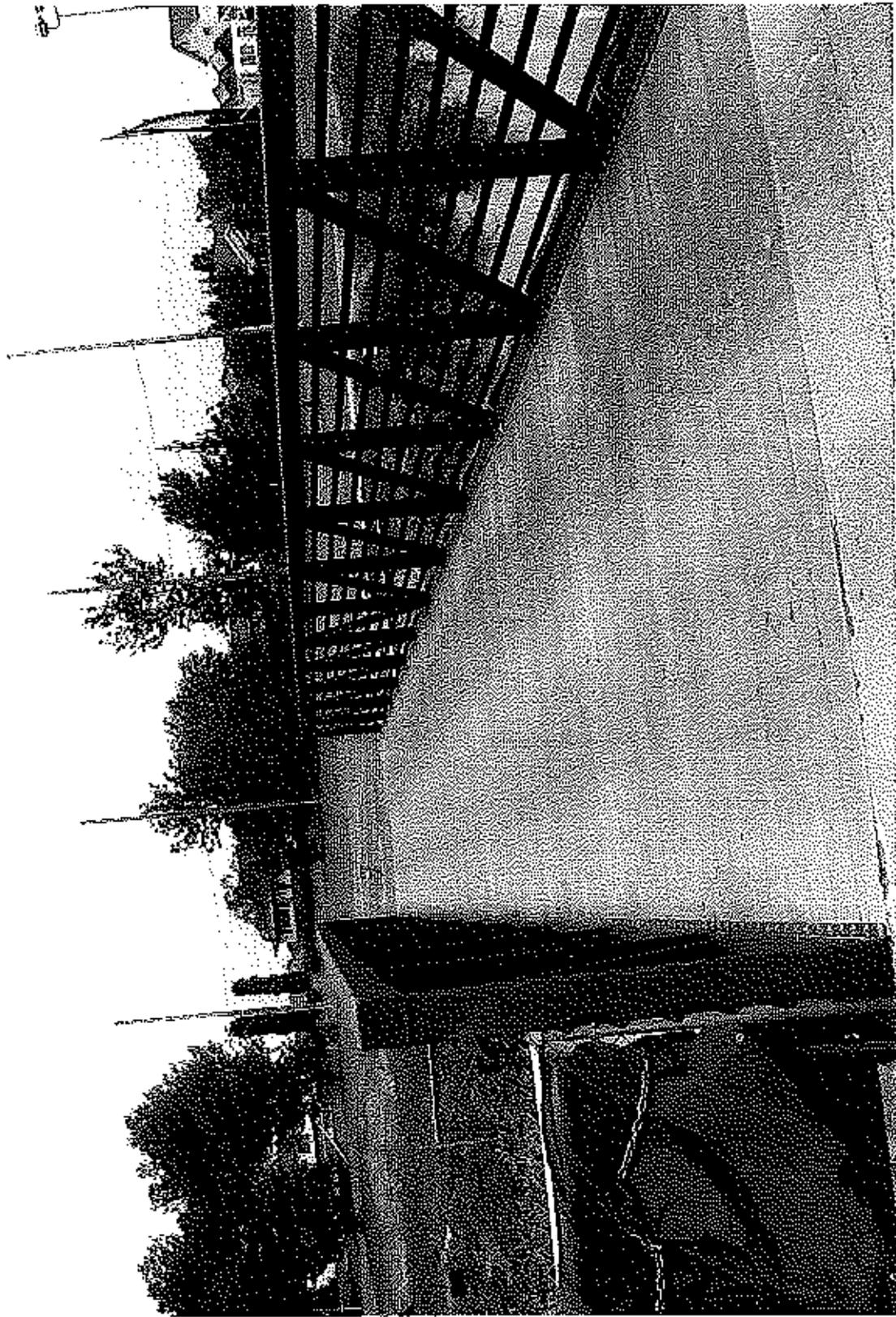
Santa Ana Heights Trail

Picture 29 – Trail Marker



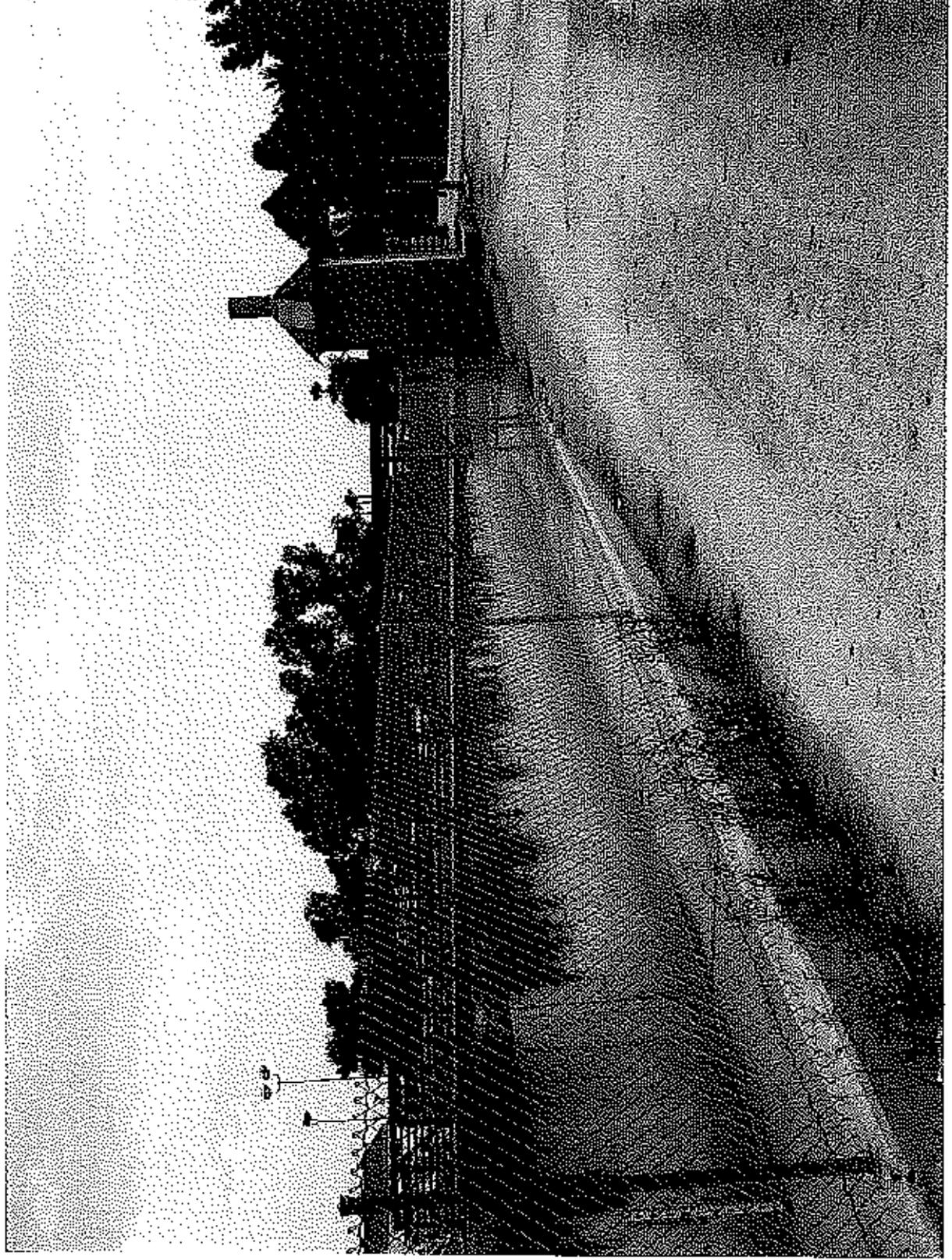
Santa Ana Heights Trail

Picture 30 – Pedestrian Bridge



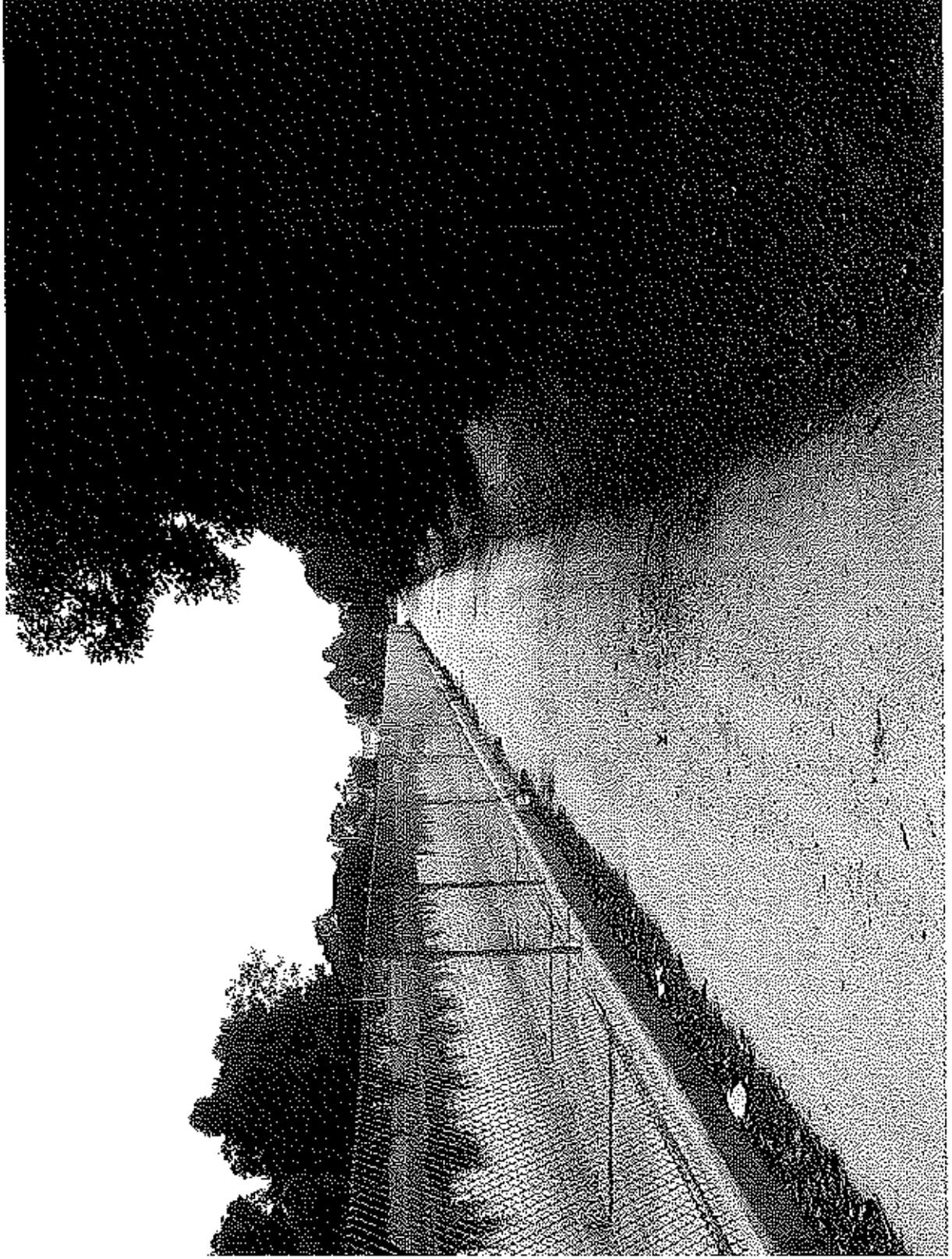
Santa Ana Heights Trail

Picture 31 – Pedestrian Bridge



Santa Ana Heights Trail

Picture 32 -- Existing Multi-Purpose Trail

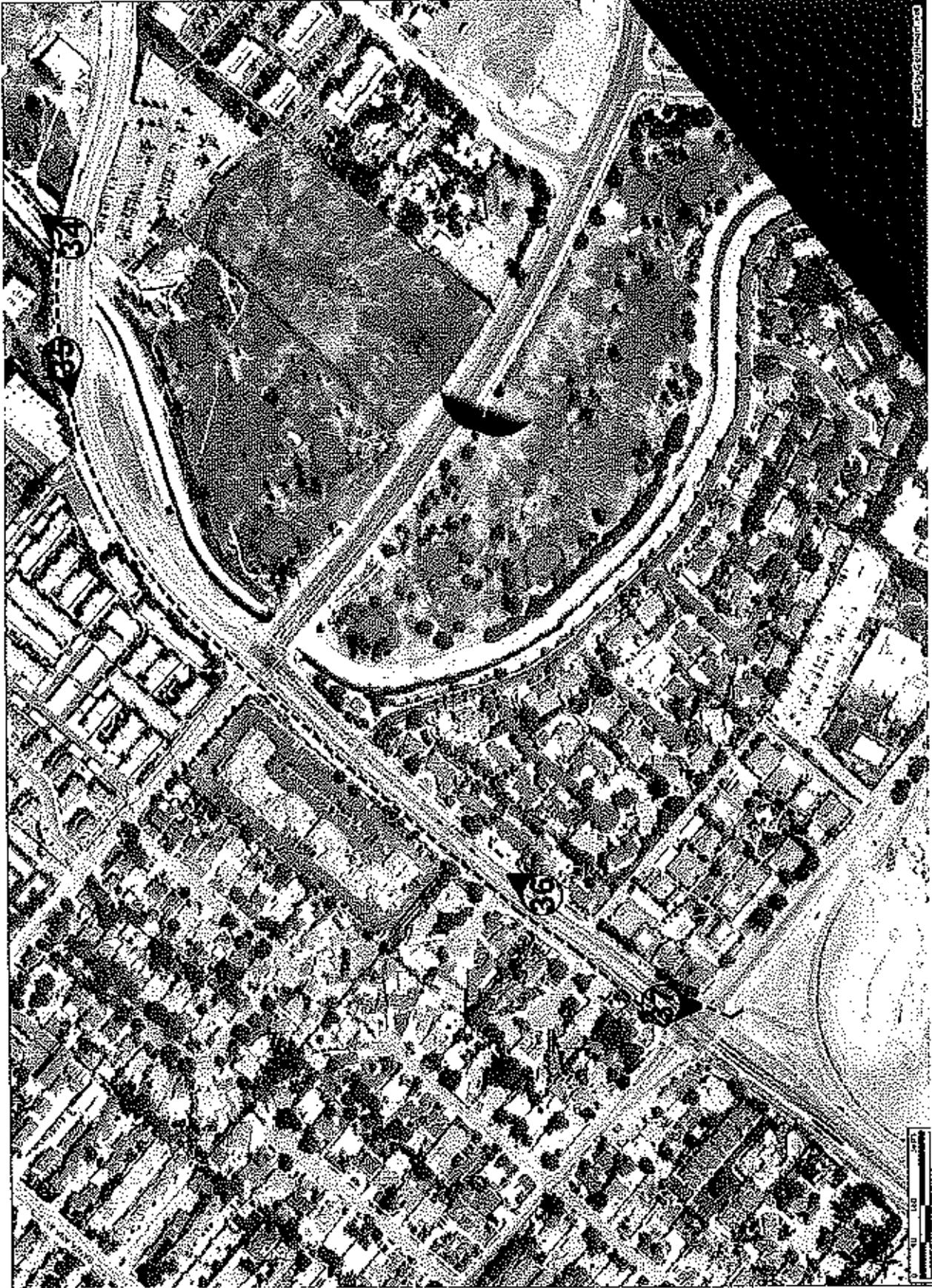


Santa Ana Heights Trail

Picture 33 – North of Irvine Ave.

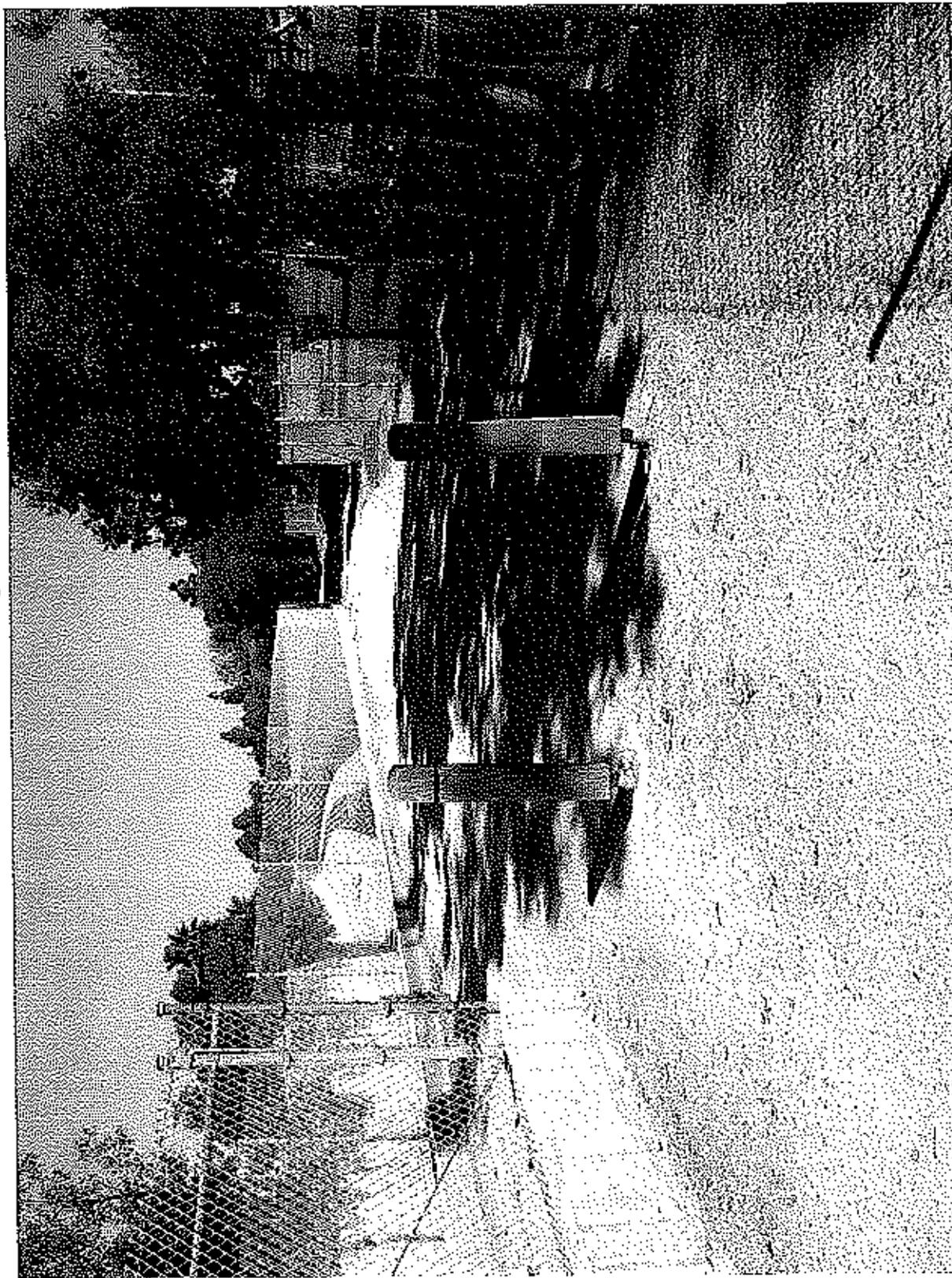


Irvine Avenue



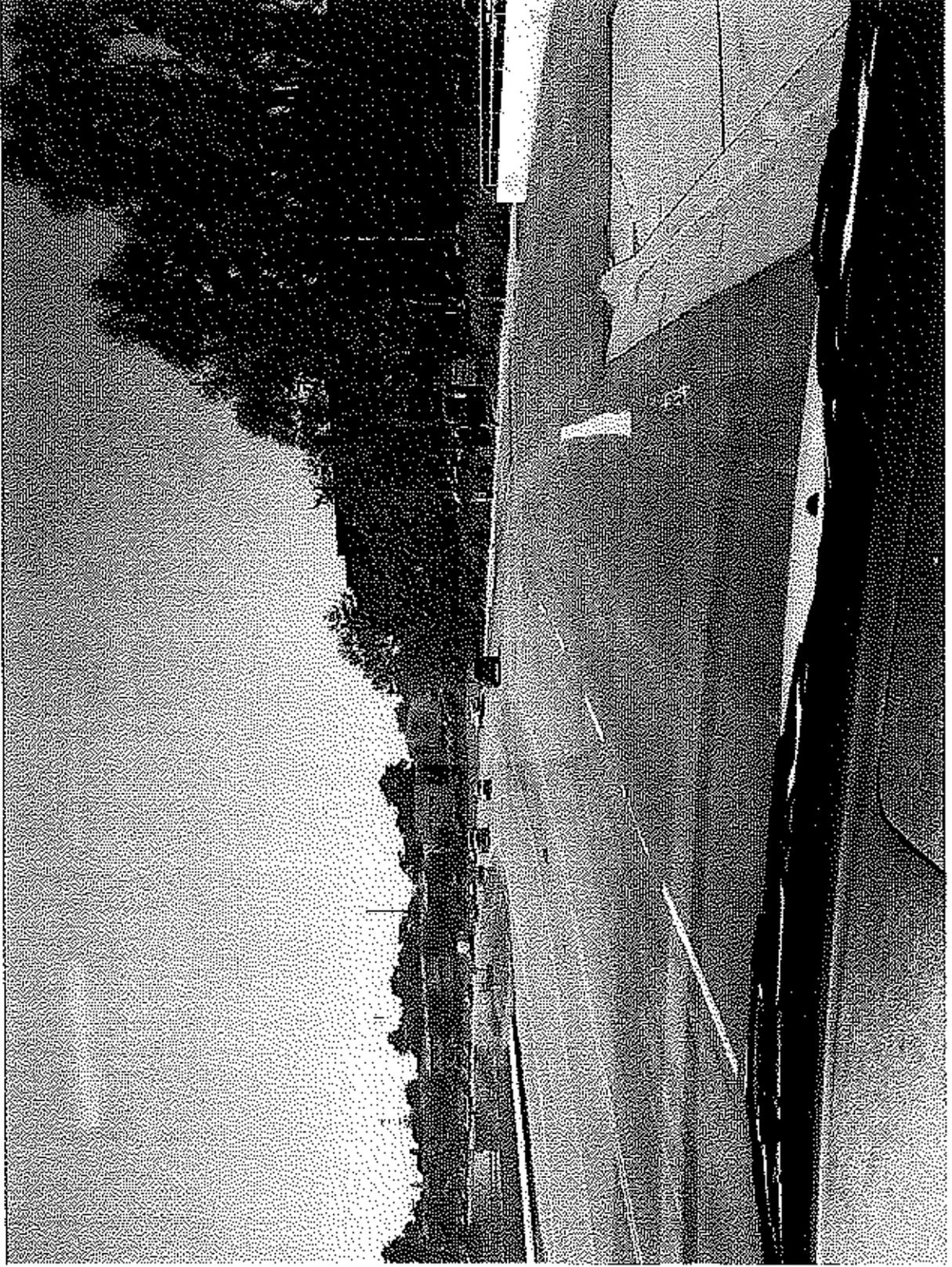
Irvine Avenue

Picture 34 -- Santa Ana Heights Trail Entrance



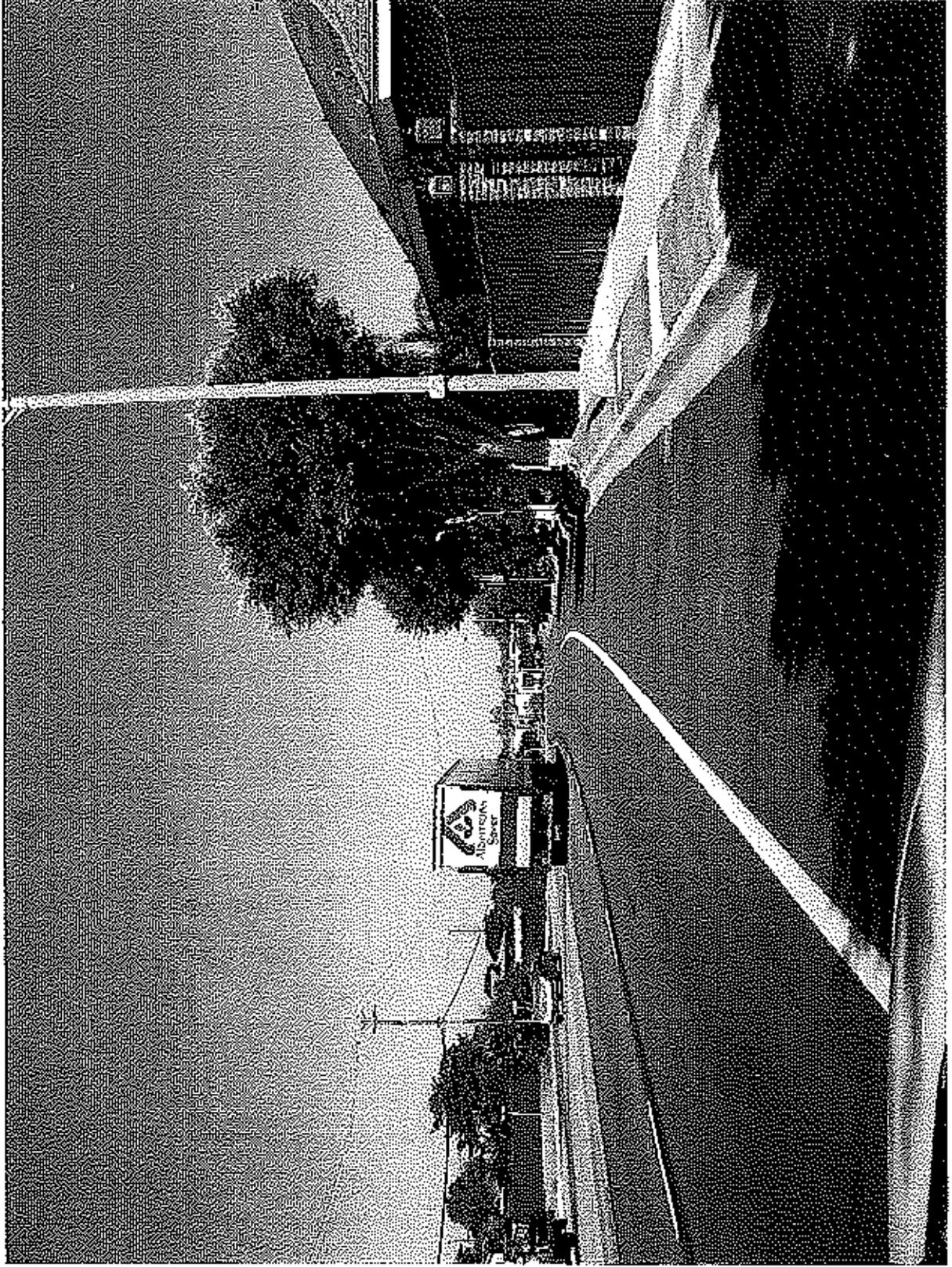
Irvine Avenue

Picture 35 - Facing South



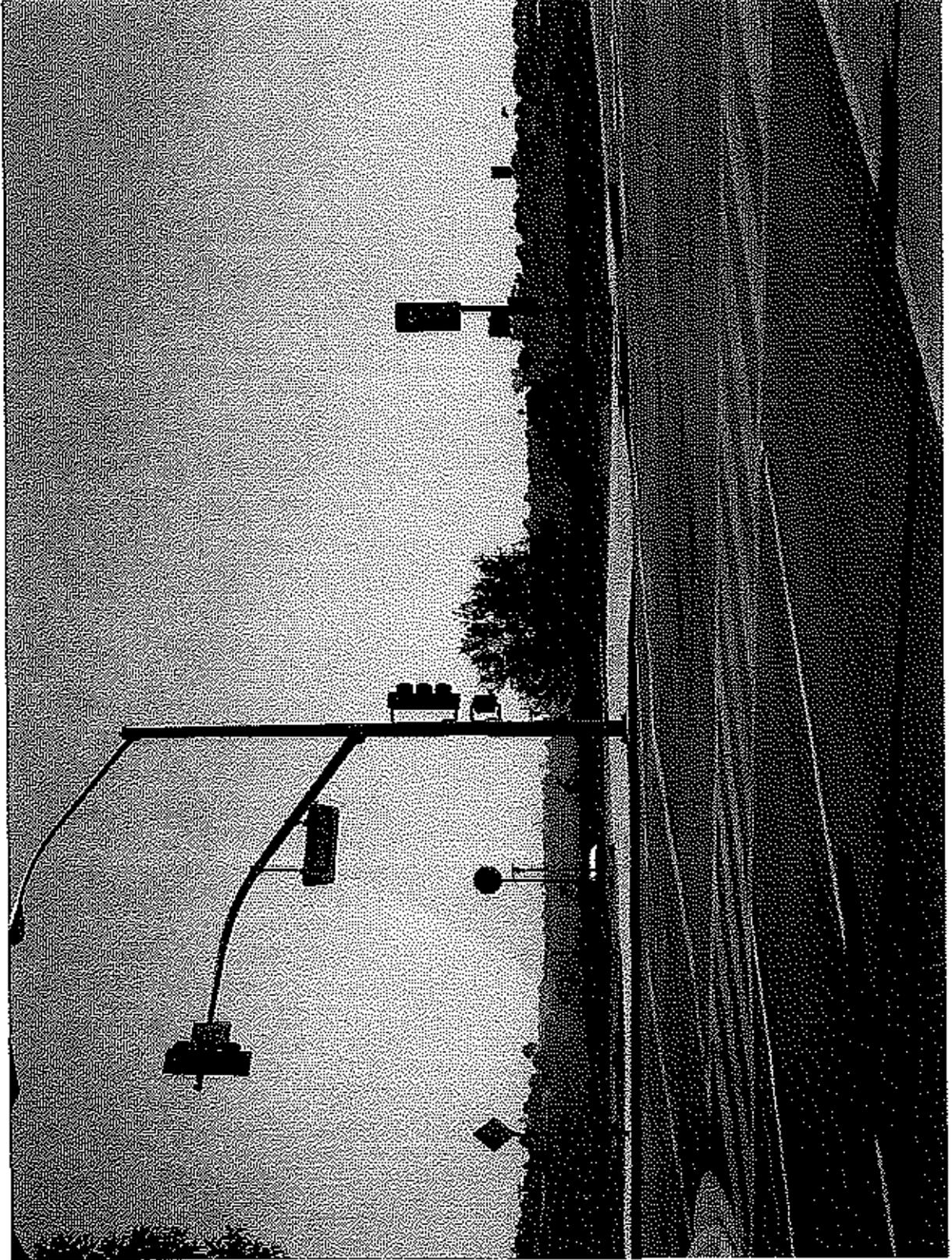
Irvine Avenue

Picture 36 — Facing North

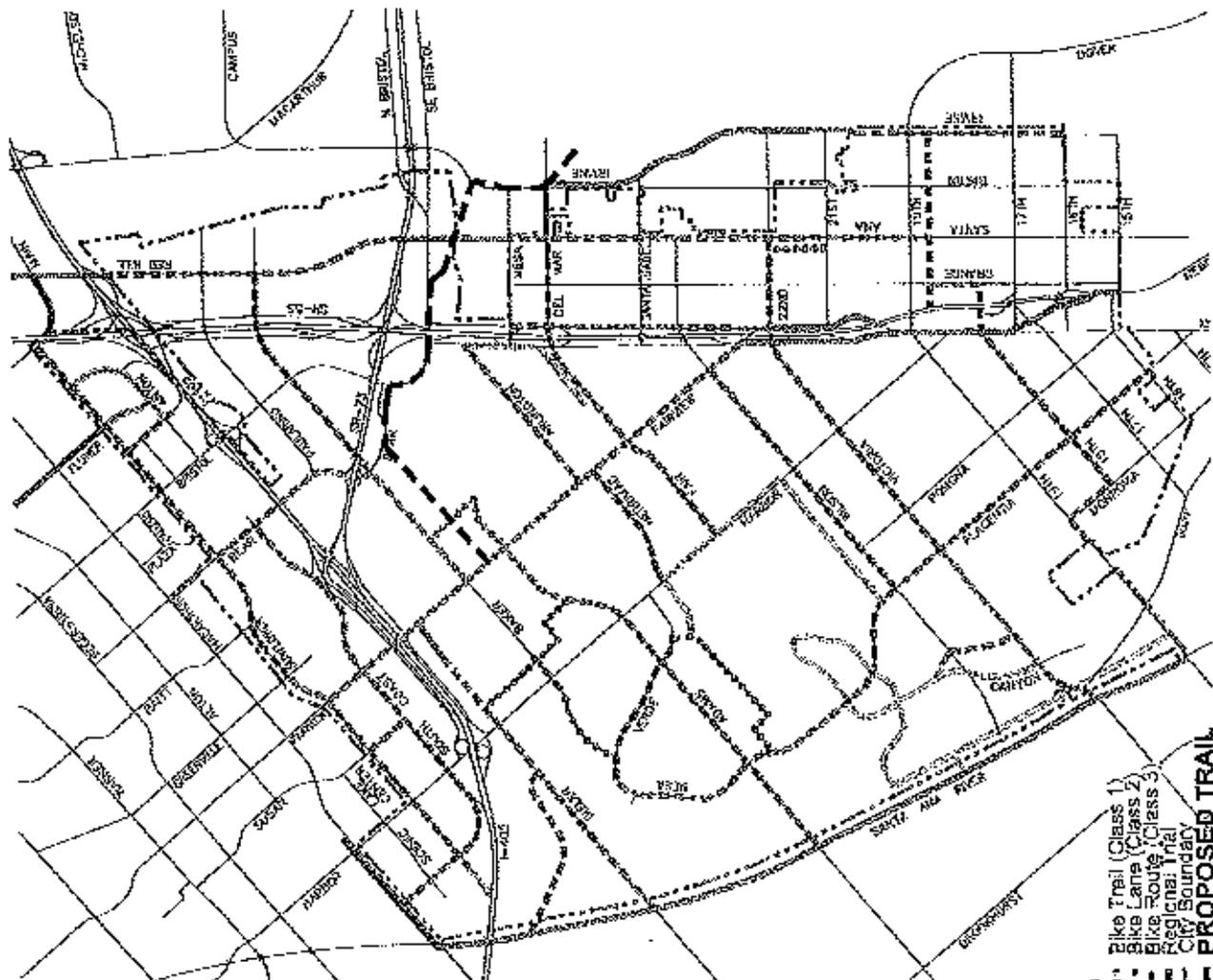


Irvine Avenue

Picture 37 – Irvine Avenue and University Drive



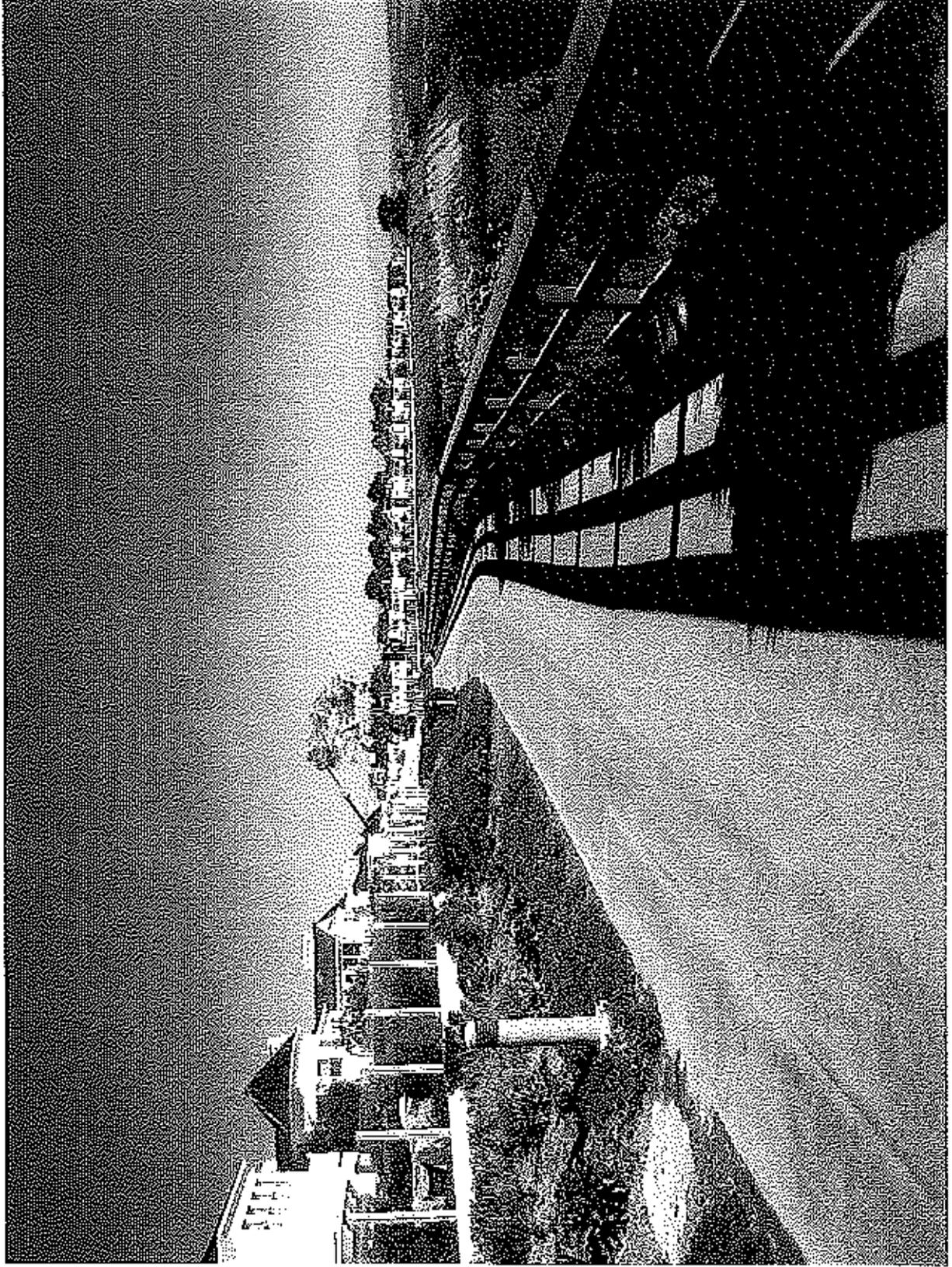
Master Plan of Bikeways



- LEGEND**
- Bike Trail (Class 1)
 - - - Bike Lane (Class 2)
 - · · Bike Route (Class 3)
 - Regional Trail
 - City Boundary
 - PROPOSED TRAIL

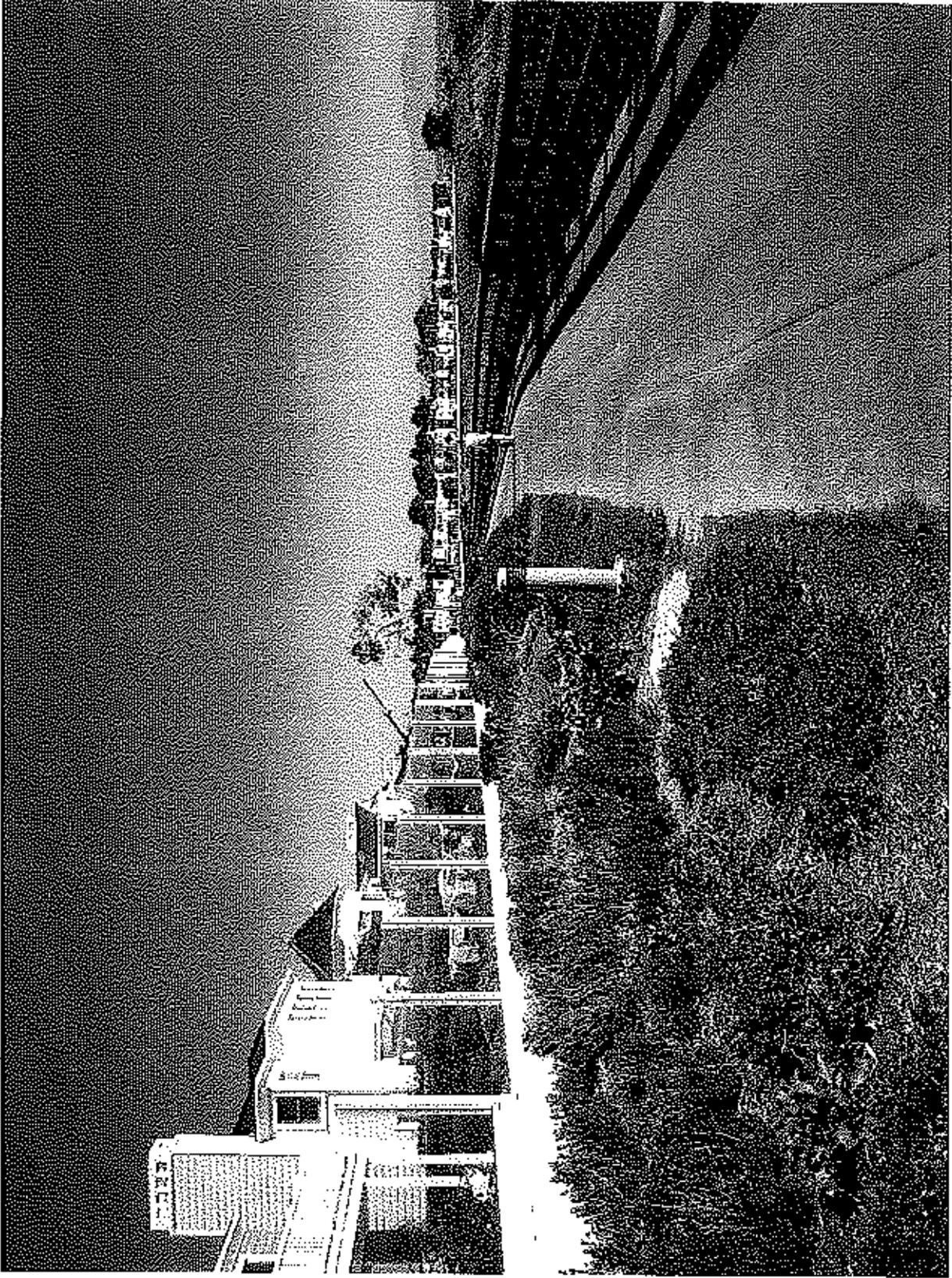
City of Newport Beach

Picture 38 – Trail at Castaways Park



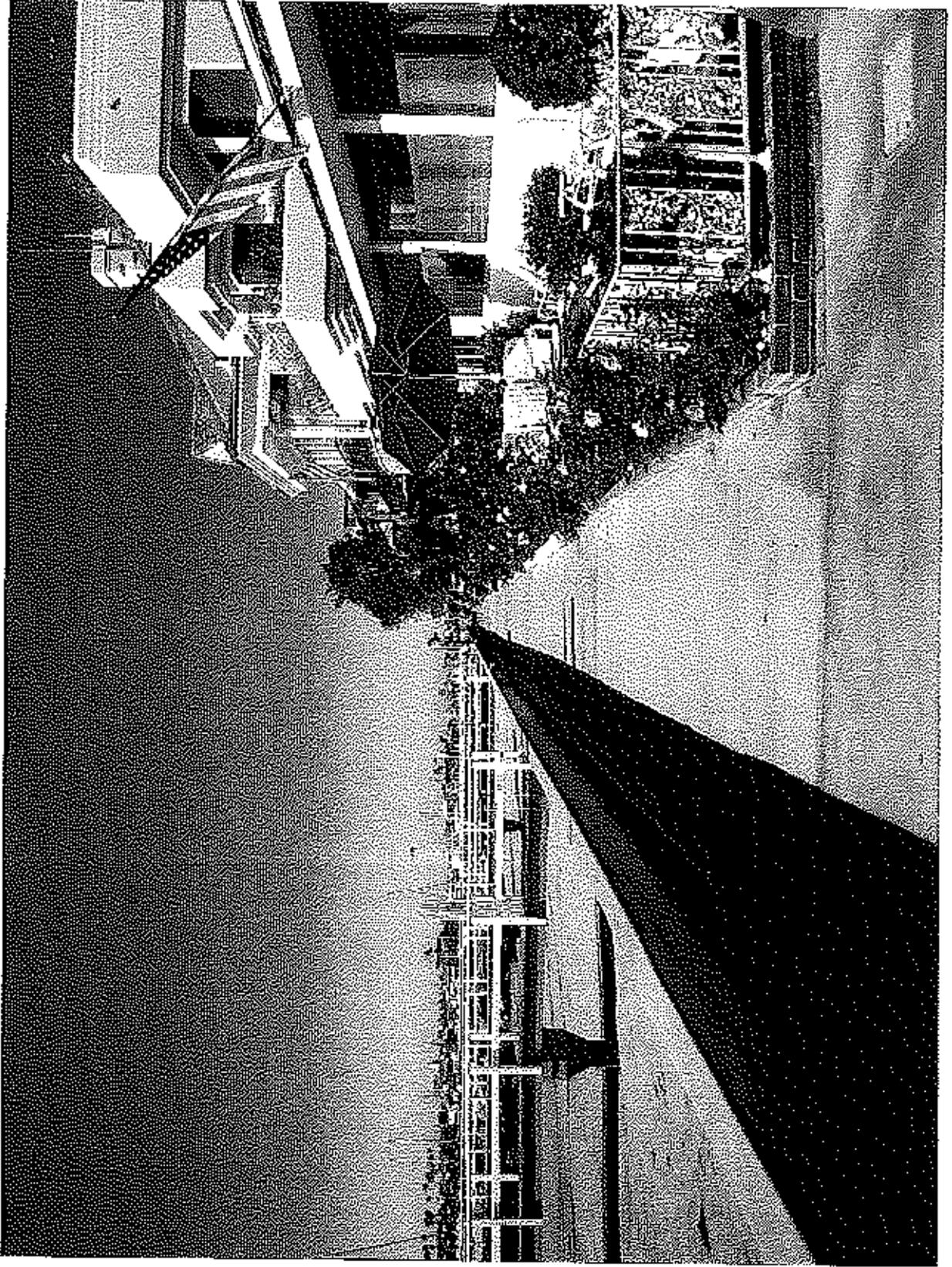
City of Newport Beach

Picture 39 – Trail at Castaways Park



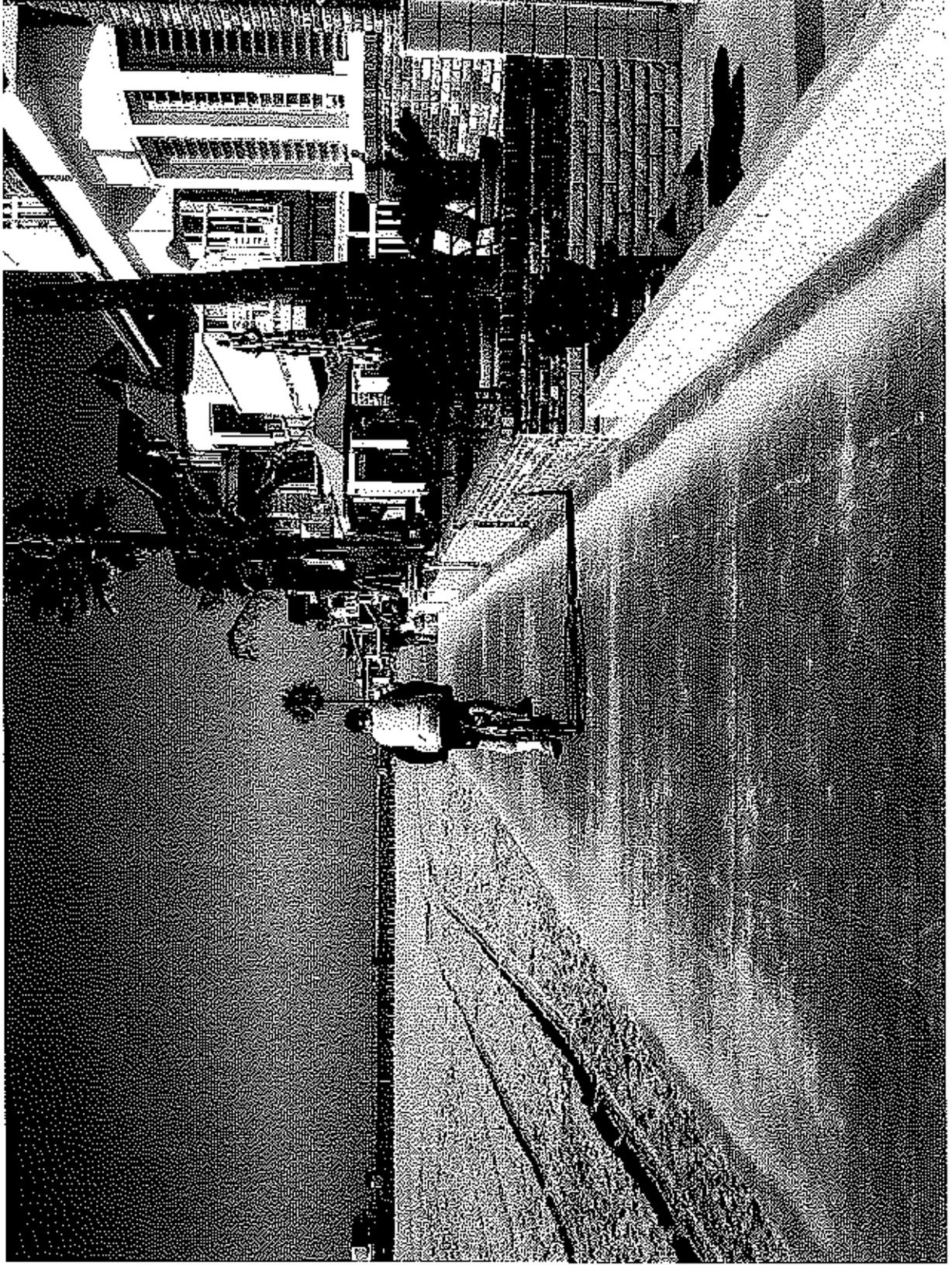
City of Newport Beach

Picture 40 -- Sidewalk at Balboa Island



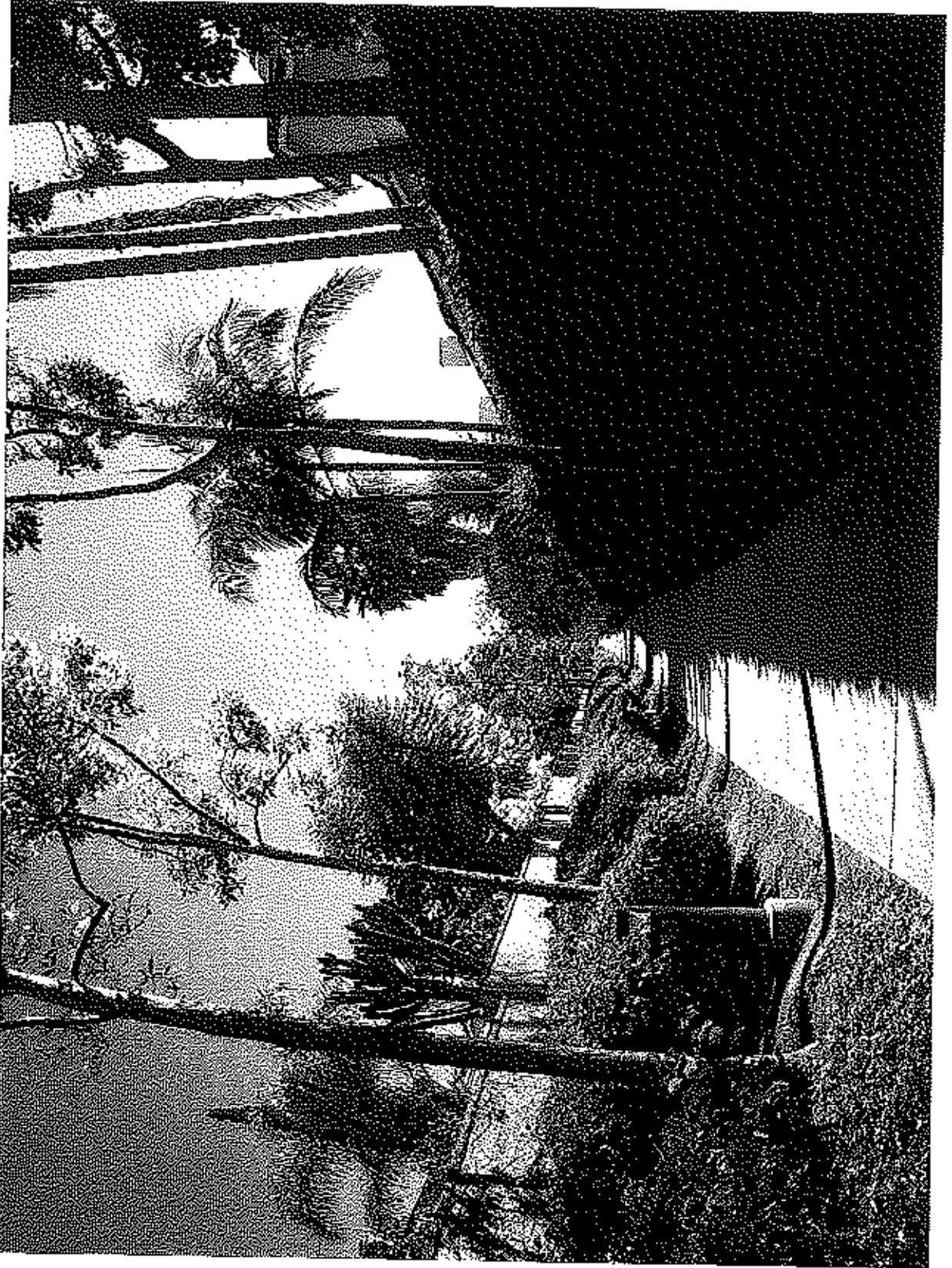
City of Newport Beach

Picture 41 – Boardwalk at Balboa Peninsula



City of Irvine

Picture 42 – Bike Trail at Culver Drive and Trabuco Road



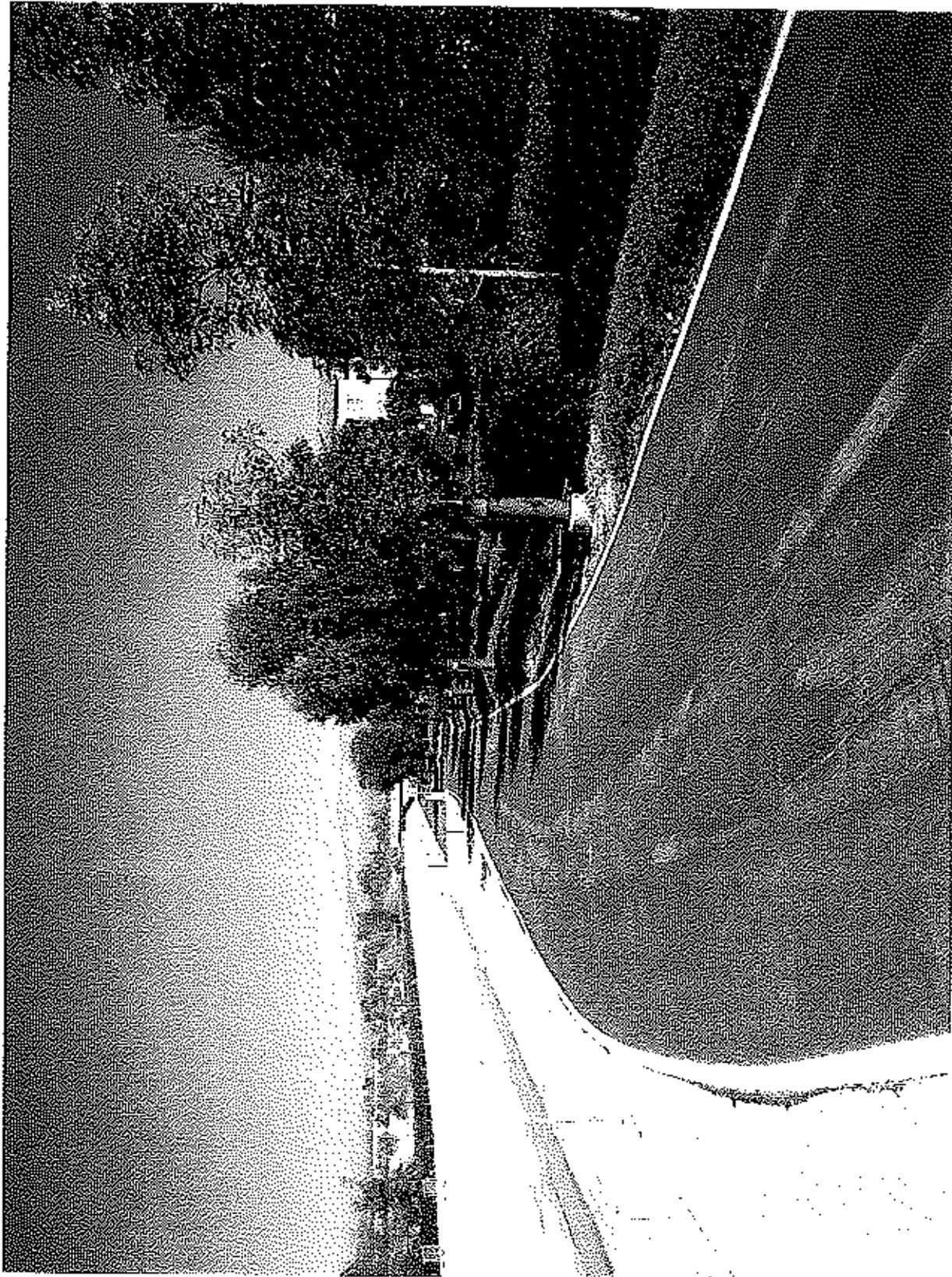
City of Irvine

Picture 43 – Venta Spur Trail at Westwood



City of Irvine

Picture 44 – Peter's Canyon Trail at El Camino Real



City of Irvine

Picture 45 -- San Diego Creek Trail at Barranca Parkway and Jeffrey Road



City of Irvine

Picture 46 – San Diego Creek Trail at Lake Road

