

W.P.

Pennsylvania Coastal Zone Management Program

COMMODORE BARRY BRIDGE

PHASE II-A, CONSTRUCTION

FINAL REPORT

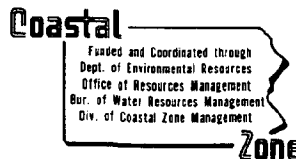
JUNE 30, 1987

COASTAL ZONE
INFORMATION CENTER

CITY OF CHESTER, PA

PA COASTAL ZONE MANAGEMENT PROGRAM

GV
770.7
.C66
1987
phase 2-A
c.2



This project was financed in part through a Federal Coastal Zone Management grant from the Pennsylvania Department of Environmental Resource with funds provided by the National Oceanic and Atmospheric Administration.

GN770.7 .C66 1987 phase 2-A 6.2

Commodore Barry Bridge Delaware River Access/Phase II-A
Final Report, to

Department of Environmental Resources

Division of Coastal Zone Management

Contract # CZ1: C5C

August 1987

Prepared by Division of City Planning
City of Chester, PA

1. Project Location

This boating and fishing facility is located in the County of Delaware, City of Chester abutting the Commodore Barry Bridge (US 322) and fronting on the Delaware River. The site is four acres in size and is bounded by Delaware Avenue on the north; the Barry Bridge on the east; the Delaware River on the south and the bed of Reaney Street on the west. The site is essentially level although sloping slightly toward the river. It is protected by an 8' high fence on the north and east sides and is bounded on the west by a small stream with dense vegetation including numerous trees. The surrounding neighborhood as well as the area of the City east and west is a mix of heavy and light industry, commercial and residential uses. The area in general is often described as an industrial waterfront corridor. This site is under a 25 year lease by the City from the Delaware River Port Authority which is a bi-state organization (Pennsylvania and New Jersey).

2. Background of the Project

This site has been identified as a Geographic Area of Particular Concern within the Delaware Estuary Coastal Zone as included in the state's adopted Coastal Zone Management Program. The City received design funding through the Coastal Zone Management Program in 1981 and the plans and specifications were completed that year by the PA Fish Commission. Due to construction funding limitations this approximately \$500,000 project has been broken down into construction phases. The first phase was funded in 1982 by the PA Department of Community Affairs through the Coastal Energy Impact Program and the Land and Water Conservation Fund in the total amount of \$262,000. Construction included: 1) the paving of an access road (Delaware Avenue), 2) a 400' driveway from Delaware Avenue to the river, 3) a 76 space parking lot for cars and boat trailers, 4) three 40' tall light standards, 5) entrance fencing and gate, 6) storm water drainage, 7) a pair of 100' long pre-cast concrete boat ramps separated by a 65' long permanent pier from which a combination pedestrian ramp and floating dock extends, 8) shoreline rip-rap, 9) concrete benches and 10) wooden fence posts. Construction was begun in 1983 and completed in 1984.

3. Scope of Work Under Present Contract

The second phase of construction was funded in 1986 by the Department of Environmental Resources, the Department of Community Affairs and the City totaling \$160,000. This construction was begun and completed in 1987 and included: 1) fishing platform area created by the installation of new sheet pile in an area which was partially bulkheaded which was then backfilled and asphalt paved, 2) five concrete benches near the

Scope of Work (continued)

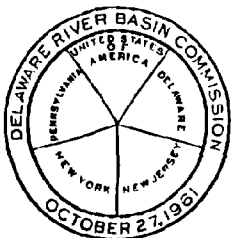
river's edge within the fishing platform area, 3) a pipe railing around the fishing platform area, 4) the asphalt paving of the existing Phase I parking lot (previously crushed stone), 5) line painting of the 76 space parking lot, 6) planting of 15 trees and 7) installation of permanent sign.

4. Photos

(See attached)

5. Permits - Attached

6. Drawings - Not included

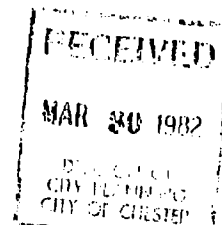


GERALD M. HANSLER
EXECUTIVE DIRECTOR

DELAWARE RIVER BASIN COMMISSION
P. O. BOX 7360
WEST TRENTON, NEW JERSEY 08628
(609) 883-9500

HEADQUARTERS LOCATION
25 STATE POLICE DRIVE
WEST TRENTON, N. J.

March 26, 1982



Mr. Leedom B. Morrison
Director of City Planning
City of Chester
401 Avenue of the States
Chester, Pa. 19013

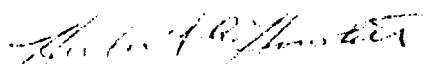
Dear Mr. Morrison:

SUBJECT: Recreation Area Project

This is in response to your March 15, 1982 letter, with attached plans, describing the recreation area project with boat launching ramps, parking facilities and other amenities adjacent to the Delaware River near the Commodore Barry Bridge.

Staff has determined that the proposed facilities will not substantially encroach into the Delaware River or the flood plain, therefore, no action by the Commission is required. However, the City of Chester must obtain all applicable local, state, or federal approvals prior to the start of construction.

Sincerely,


Herbert A. Howlett
Chief Engineer and
Acting Executive Director



DELAWARE COUNTY CONSERVATION DISTRICT

FAIR ACRES CENTER, BUILDING 5

MIDDLETOWN ROAD

LIMA, PENNSYLVANIA 19037

COUNCIL

FRANK J. LYNCH
CHAIRMAN

WAYNE CURTIS WELDON
VICE CHAIRMAN

NICHOLAS F. CATANIA

EDWIN B. ERICKSON

THOMAS M. HAYWARD

891-5962



Date: April 1, 1982

City Planning

Leedom B. Morrison

401 Avenue of the States

Chester, PA 19013

Dear Mr. Morrison:

The Erosion and Sediment Control Plan for the Commodore Barry Bridge Recreation Area in City of Chester has been reviewed by the Soil Conservation Service.

They have indicated that this plan, if implemented as submitted was found to be adequate for erosion and sediment control.

Attached is a copy of the review made by the Soil Conservation Service. Please note the suggestions made by them concerning specific aspects of the plan.

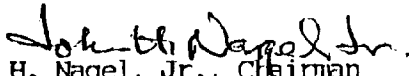
The Conservation District reviews this plan solely to determine, whether it is adequate to satisfy the requirements of 25 Pa. Code 102.1 et seq., the erosion control regulations of the Department of Environmental Resources. By a determination that the plan is adequate to meet those requirements, neither the Conservation District nor the County assumes any responsibility for the implementation of the plan or the proper construction and operation of the facilities contained in the plan.

The Conservation District would like to stress the importance of this plan being understood by all the contractors involved in earthmoving on this site. A copy of this plan is required by law to be available on site at all times. If a soil erosion problem develops you are advised to contact the Conservation District for assistance.

This review does not take the place of any reviews which may be required by the Dept. of Environmental Resources.

It is the duty of the contractor to comply with the provisions of Act 287 (Public Utilities) before performing any excavation work.

If you would like further assistance please feel free to contact Edward M. Magargee, Conservation District Manager at 891-5926.


John H. Nagel, Jr., Chairman
Delaware County Conservation District



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES



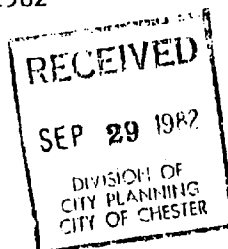
Post Office Box 2357
Harrisburg, Pennsylvania 17120

(717) 787-6826

September 24, 1982

In reply refer to
RM-DWM
Delaware River

City of Chester
Leedom B. Morrison
Director of City Planning
401 Avenue of the States
Chester, PA 19013



Dear Mr. Morrison:

Enclosed is Water Obstruction and Encroachment Permit No. ENC: 23-51,
in duplicate, issued in response to your application filed May 17,
1982.

The executed copy of the permit to be retained by you will not become effective until both copies are signed by you or your authorized representative and the File Copy returned to this office within thirty (30) days.

Please note that "Acknowledgment of Appraisal" and "Completion Report" forms have been included with the permit. The "Acknowledgment of Appraisal" form must be completed and signed by the contractor, or his engineer, chosen to do the authorized work to indicate that they have read and understood the permit conditions. The "Completion Report" form is to be signed by you or your authorized representative indicating that the work has been completed as approved within thirty (30) days of the completion of the approved project.

Also enclosed is your copy of the Submerged Lands License Agreement associated with the above permit. Both the Agreement and the permit should be kept together as part of your important documents file. The Comptroller for the Department of Environmental Resources will mail a statement of the annual charges due approximately thirty (30) days prior to the due date as indicated in item 1 of the License Agreement.

Sincerely,

Daniel Lenyo, Chief
Division of Obstructions
and Flood Plain Management

Enclosures



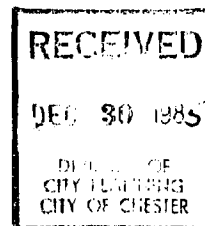
Bureau of Dams and Waterway Management

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES

Post Office Box 2357
Harrisburg, Pennsylvania 17120

December 24, 1985

717-787-6826



Mr. Stephen A. Merriken
Deputy Director of City Planning
City of Chester
401 Avenue of the States
Chester, PA 19013

Re: DER File No. ENC: 23-51

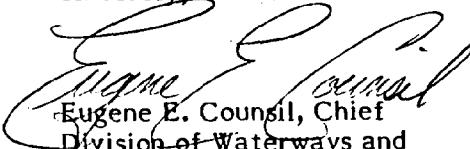
Dear Mr. Merriken:

This is in reference to your letter dated November 25, 1985 requesting a time extension and amendment to Permit No. ENC: 23-51 authorizing construction of a boat ramp and outfall structure along the Delaware River in the City of Chester, Delaware County and amended on May 31, 1984 to include dredging along the boat ramp area.

Favorable consideration has been given to your request and Permit No. ENC: 23-51 is amended to include the use of sheet piling rather than concrete for the reconstruction of an existing bulkhead. Furthermore, the expiration date on the permit has been extended to December 31, 1986.

All other conditions specified in the original permit remain in effect and are to be complied with as part of this amendment. No change to the License Agreement will be required.

Sincerely,


Eugene E. Council, Chief
Division of Waterways and
Storm Water Management



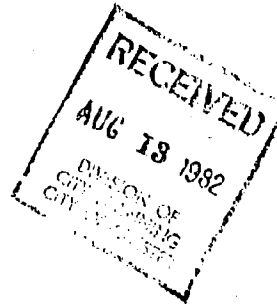
DEPARTMENT OF THE ARMY
PHILADELPHIA DISTRICT, CORPS OF ENGINEERS
CUSTOM HOUSE-2 D & CHESTNUT STREETS
PHILADELPHIA, PENNSYLVANIA 19106

IN REPLY REFER TO

NAPOP-R-82-0178-3

12 AUG 1982

Mr. Leedom B. Morrison
Division of City Planning
401 Avenue of the States
Chester, PA 19013



Dear Mr. Morrison:

Inclosed is a Department of the Army permit authorizing you to construct a boat ramp, pier, access ramp and floating dock, fill and install rip-rap in the Delaware River, between Reaney Street and Flower Street, Chester, Delaware County, Pennsylvania.

Your attention is directed to Condition (n) of the permit which concerns notification of the District Engineer of the commencement and completion of the permitted work. In this connection, you must notify this office one week prior to commencement of actual construction and upon completion of the work. This notification may be made by writing to the District Engineer or may be made by telephone (215-597-3626). Similar notification is required each time any maintenance work is to be done under this permit.

If any material changes in the location or plans of the permitted work are found necessary on account of unforeseen or altered conditions or otherwise, revised plans should be submitted promptly to the District Engineer to the end that the revised plans, if found unobjectionable, may receive the approval required by law before operations on the permitted work are commenced.

Sincerely,

Roy E. Denmark, Jr.

ROY E. DENMARK, JR.
Chief, Permits Branch

2 Incls

1. ENG Form 4336
2. Permit



DEPARTMENT OF THE ARMY
PHILADELPHIA DISTRICT, CORPS OF ENGINEERS
CUSTOM HOUSE-2 D & CHESTNUT STREETS
PHILADELPHIA, PENNSYLVANIA 19106-2991

IN REPLY REFER TO

Regulatory Branch

DEC 04 1985

SUBJECT: NAPOP-R-85-1100-3 (NP13)

Mr. Stephen A. Merriken
Deputy Director of City Planning
401 Avenue of the States
Chester, Pennsylvania 19013

Dear Mr. Merriken:

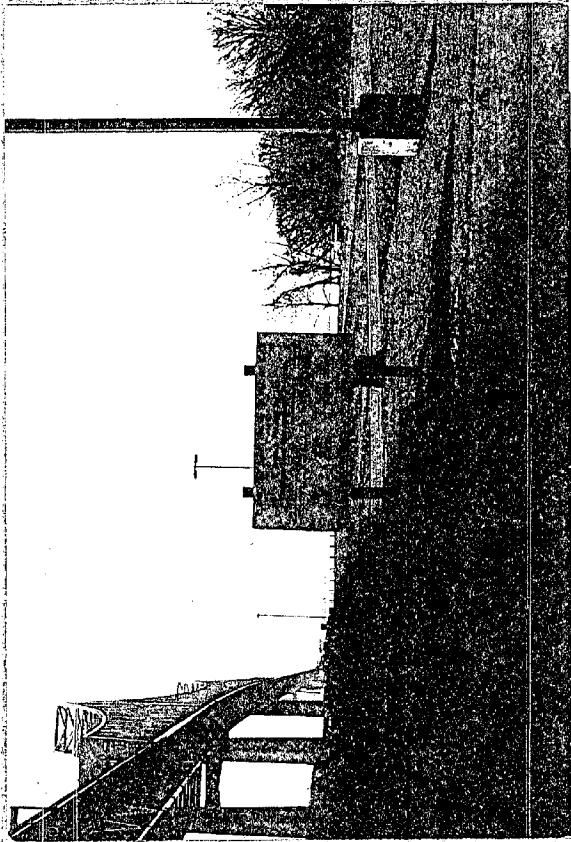
This is in regard to your request, on behalf of the City of Chester, for Department of the Army approval to construct a bulkhead to stabilize a section of the existing bank along the Delaware River at the Commodore Barry Bridge Recreation Area located on Delaware Avenue, between Flower and Reaney Streets in Chester, Pennsylvania.

Under current Federal regulations, a Department of the Army permit is required for work or structures in navigable waters of the United States and/or the discharge of dredged or fill material into waters of the United States including their adjacent wetlands. Therefore, the proposed work is subject to the jurisdiction of this office. Based upon the information you provided and an on-site meeting at the property on November 19, 1985, it has been determined that the proposed construction of approximately 123 feet of bulkheading is approved by a Department of the Army nationwide permit (33 CFR 330.5(a)(13)) for bank stabilization provided the attached special conditions (33 CFR 330.5) and management practices (33 CFR 330.6) are observed.

The nationwide permit does not affect your responsibility to obtain any other Federal, State or local approvals required by law for the proposed work. If you have any further questions regarding this matter, please contact Mr. James F. Drumm of this office at 9215) 597-4723.

Sincerely,


For Frank J. Cianfrani
Chief, Regulatory Branch



1. PROJECT SIGN - PERSPECTIVE

COMMODORE BARRY BRIDGE RECREATION AREA PHASE II A Project Funded By The Coastal Zone Management Program

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Office of Ocean and Coastal Resource Management



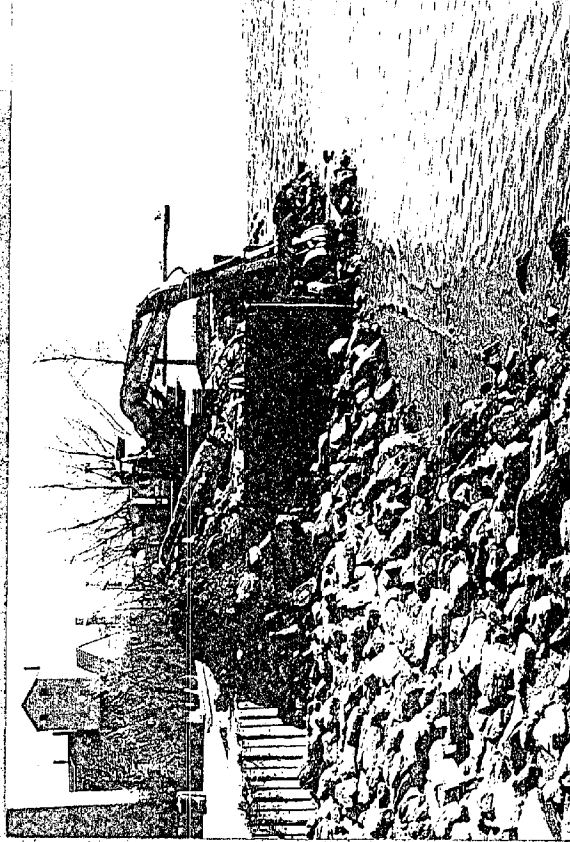
COMMONWEALTH OF PENNSYLVANIA
Department of Environmental Resources
LOCAL SPONSORS
CITY OF CHESTER
W.M. JAMES LEAKE, MAYOR
COUNCIL

TIMOTHY J. GORBEY
MICHAEL J. KOTERBA
STEPHEN A. MCKELLAR
WILLIAM H. WALDREN

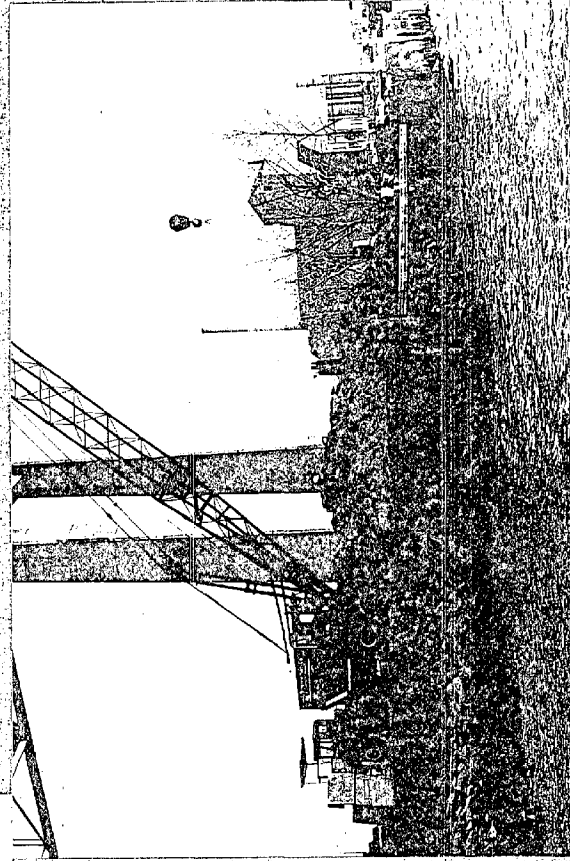
ADDITIONAL FUNDING PROVIDED BY A GRANT FROM THE RECREATIONAL IMPROVEMENT
AND REHABILITATION ACT PROGRAM ADMINISTERED BY THE PA. DEPARTMENT OF
COMMUNITY AFFAIRS, BUREAU OF RECREATION AND CONSERVATION

COMMODORE BARRY BRIDGE RECREATION AREA
COASTAL ZONE MANAGEMENT PROGRAM
CITY OF CHESTER 1937

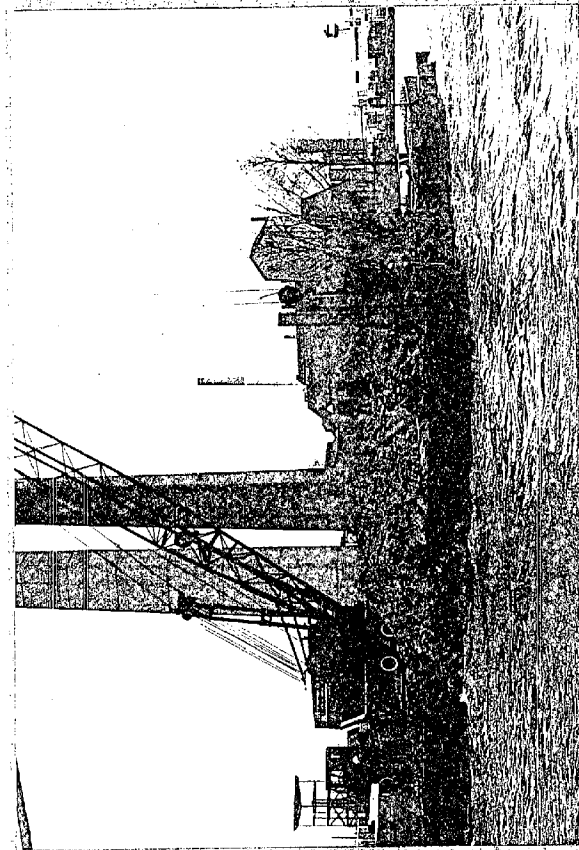
2. PROJECT SIGN



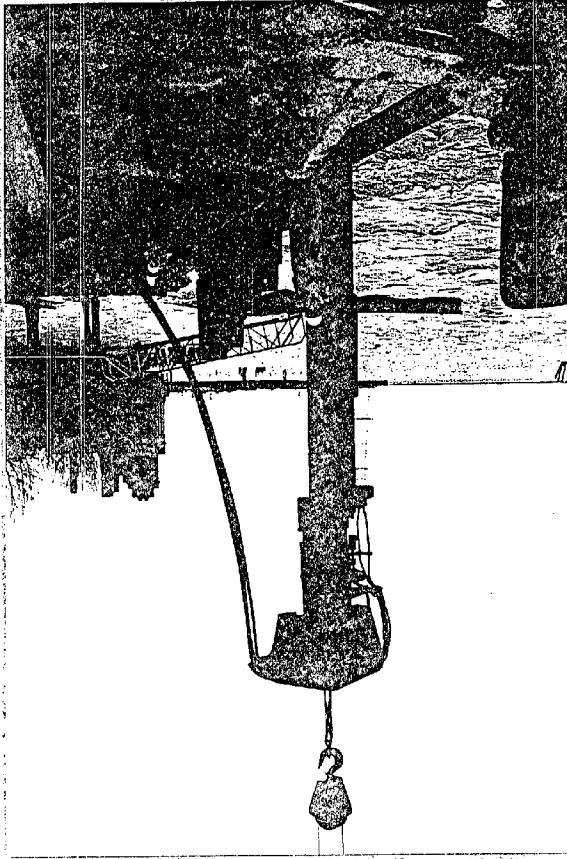
3. SHEET PILE - FILL REMOVAL



4. SHEET PILE INSTALLATION - START

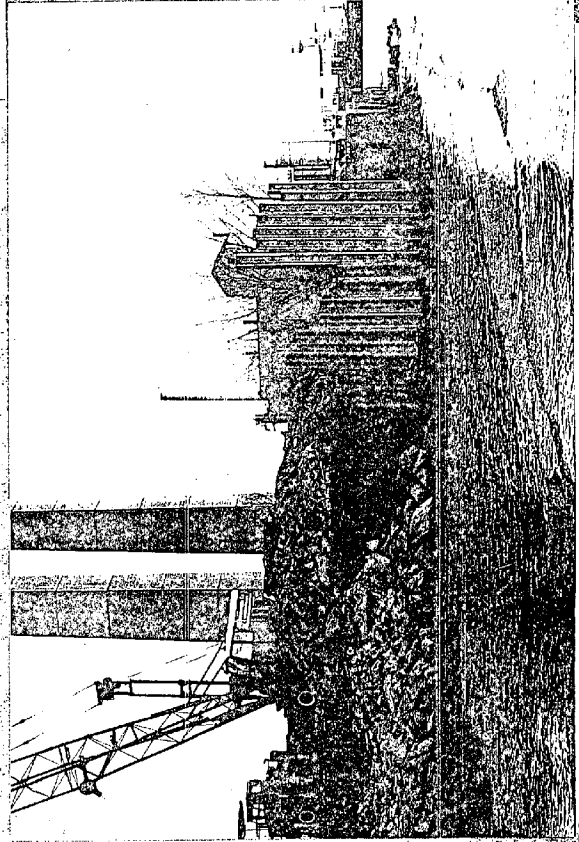


5. SHEET PILE INSTALLATION - 1ST PILES

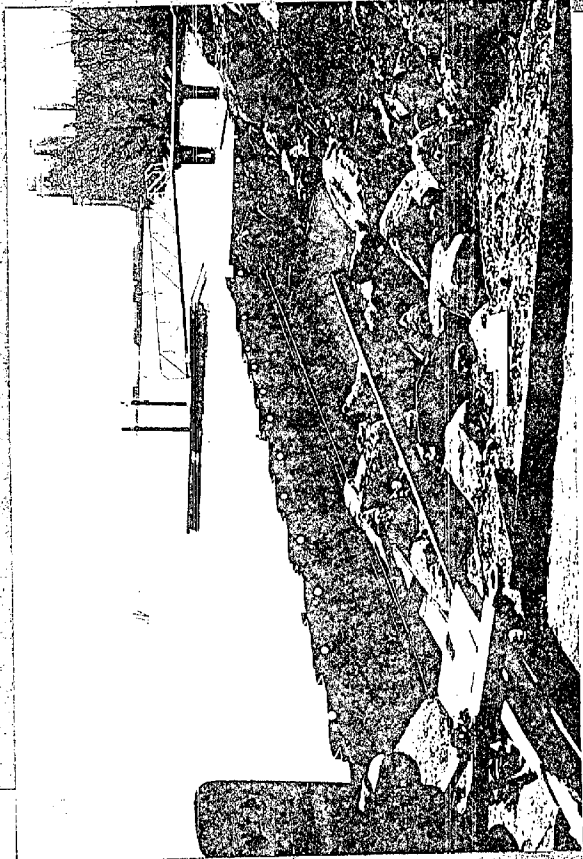


6. SHEET PILE INSTALLATION - HALF COMPLETED

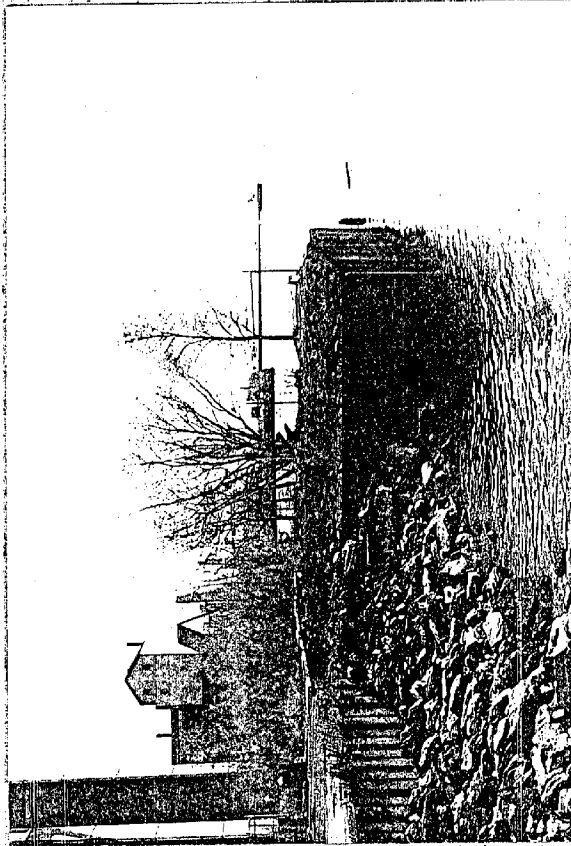
ODDPORE BAY BRIDGE RETENTION AREA
COASTAL ZONE MANAGEMENT PROGRAM
CITY OF CHESTER 1987



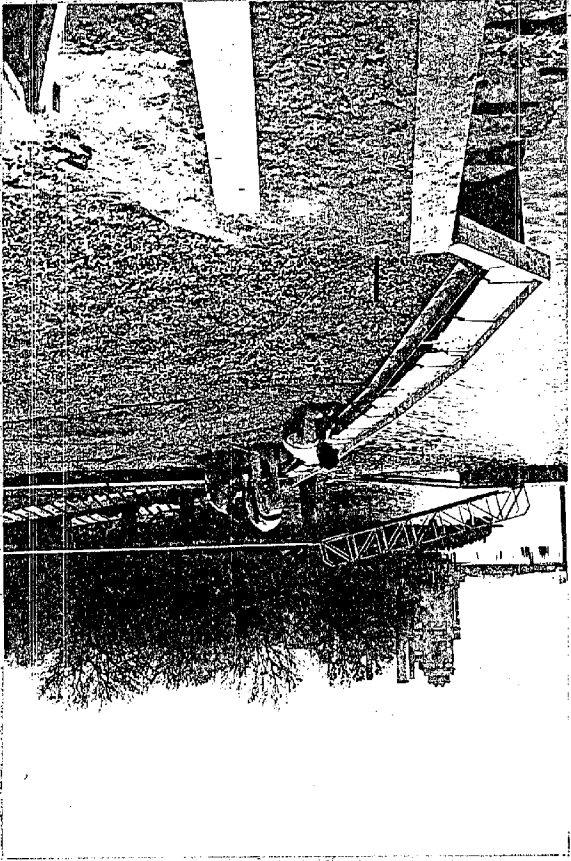
7. SHEET PILE INSTALLATION - AREA ENCLOSED



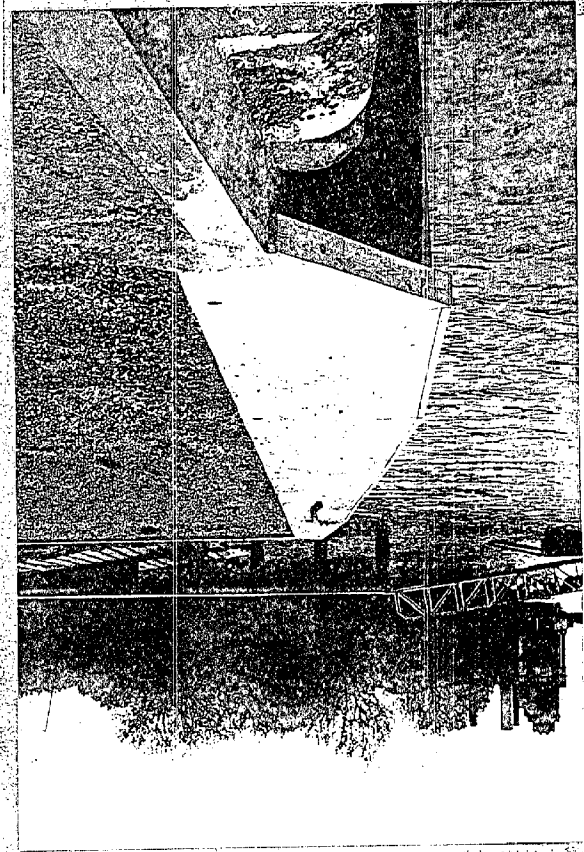
8. SHEET PILE INSTALLATION - COMPLETED



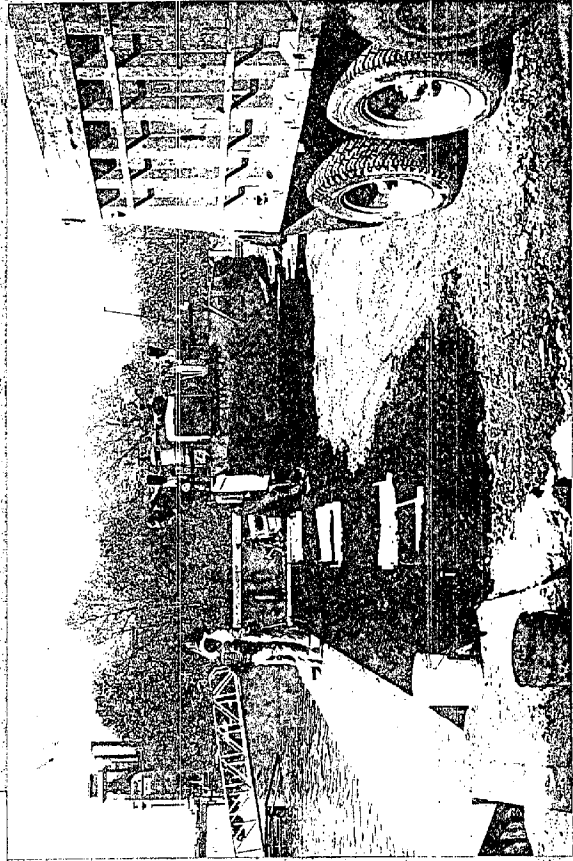
9. SHEET PILE INSTALLATION - BACK FILL COMPLETED



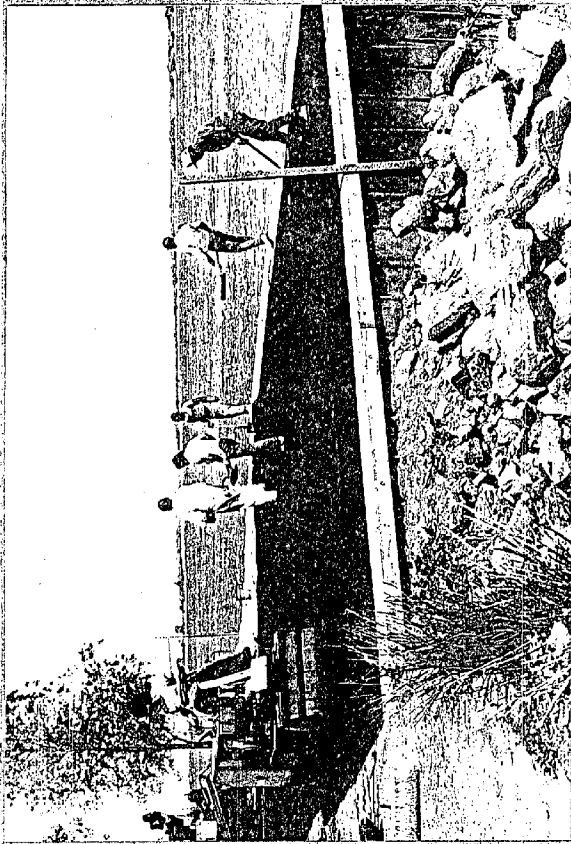
10. CONCRETE CAP CONSTRUCTION
CITY OF CHESTER 1987



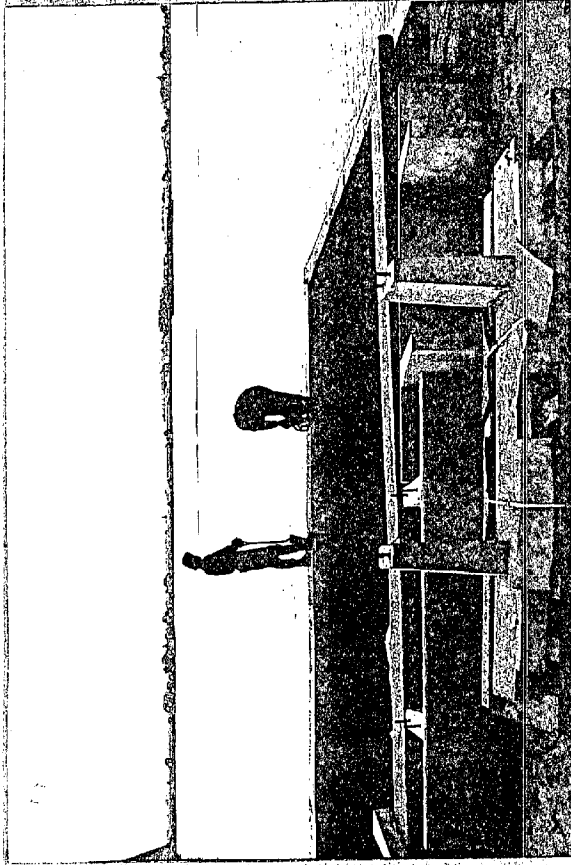
11. CONCRETE CAP COMPLETED - GRAVEL BASE COMPLETED



12. FISHING PLATFORM AREA ASPHALT PAVING START - BENCH FOUNDATION FORMED

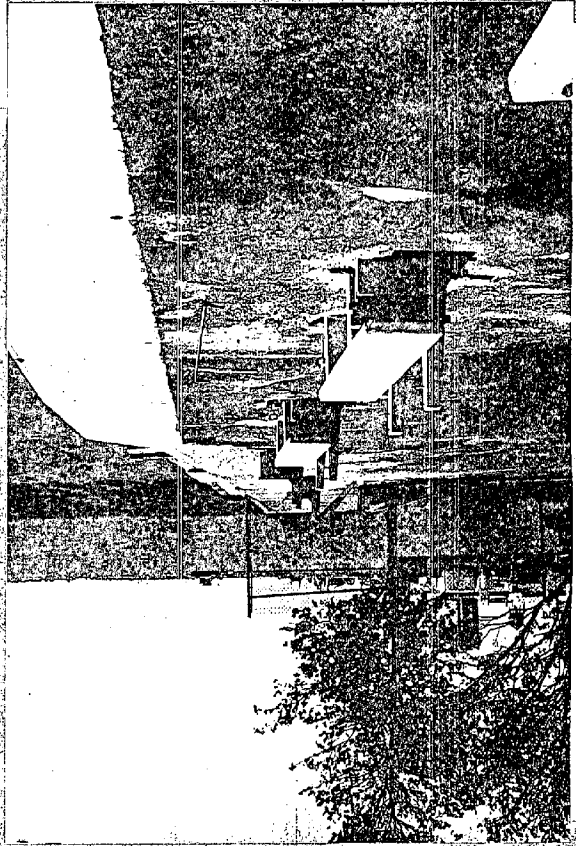


13. FISHING PLATFORM AREA ASPHALT PAVING COMPLETE

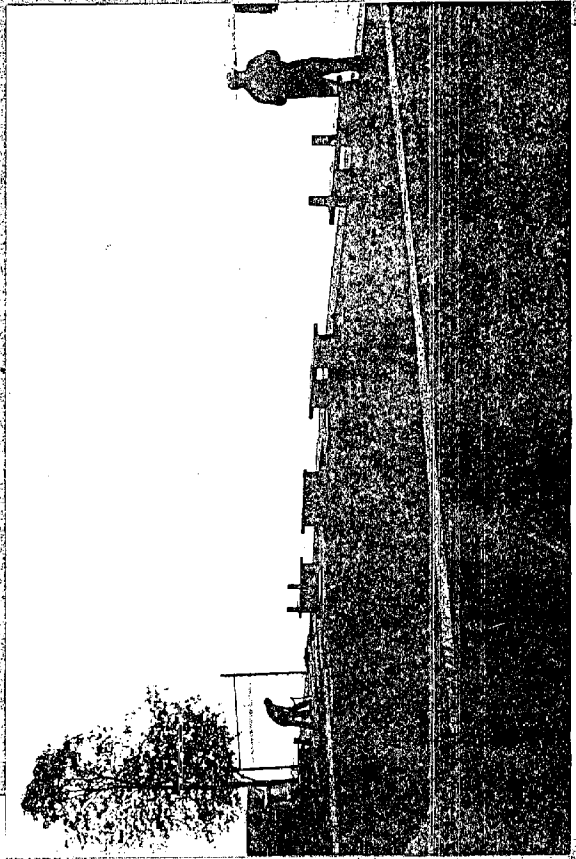


14. FISHING PLATFORM AREA - MAKING CUTS FOR BENCHES

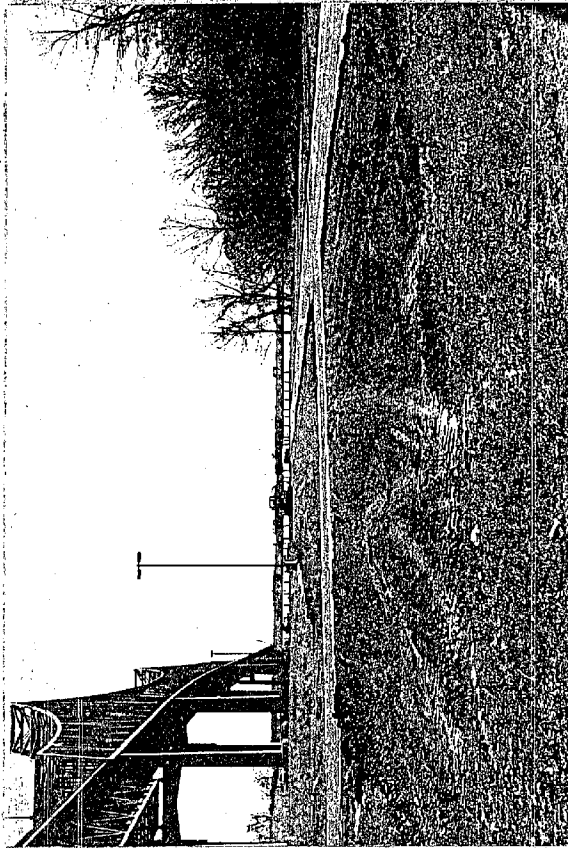
CAMDENE BARRY BRIDGE RECREATION AREA
COASTAL ZONE MANAGEMENT PROGRAM
CITY OF CHESTER 1987



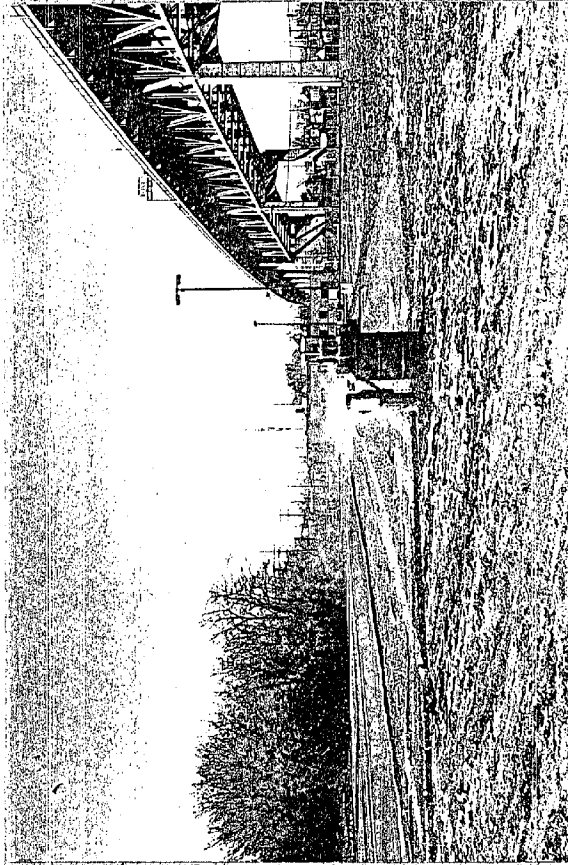
15. FISHING PLATFORM AREA BENCH INSTALLATION UNDERWAY



16. FISHING PLATFORM AREA BENCH INSTALLATION NEARLY COMPLETED



17. PARKING LOT AREA GRADING

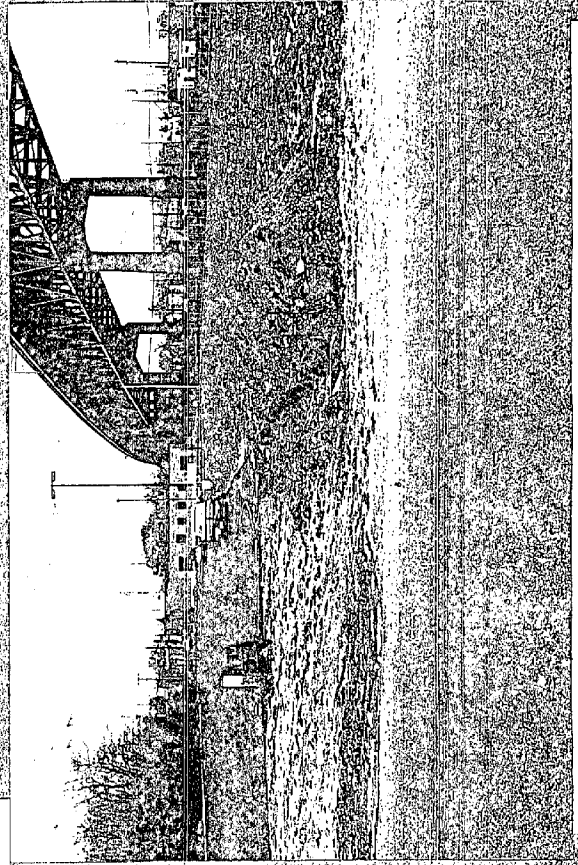


18. PARKING LOT AREA GRADING

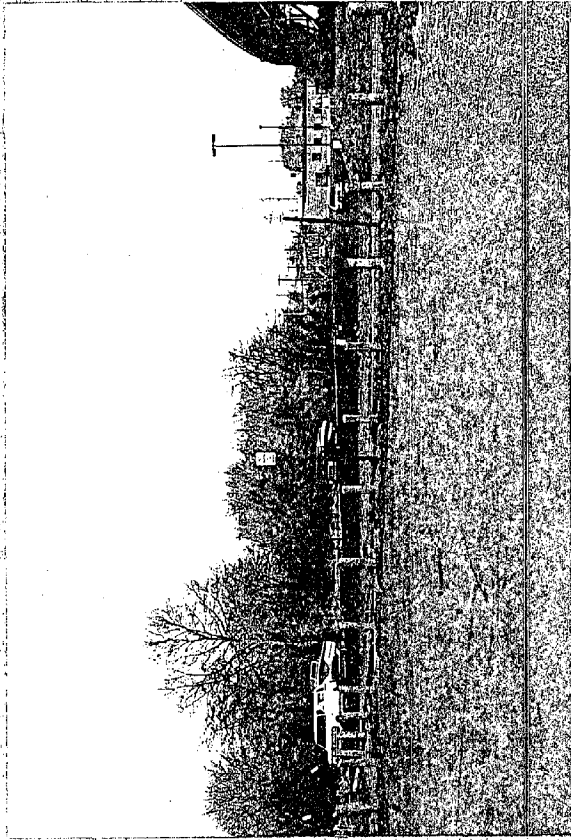
CORPORATE PARK BRIDGE RECREATION AREA
COASTAL ZONE MANAGEMENT PROGRAM
CITY OF CHESTER 1987



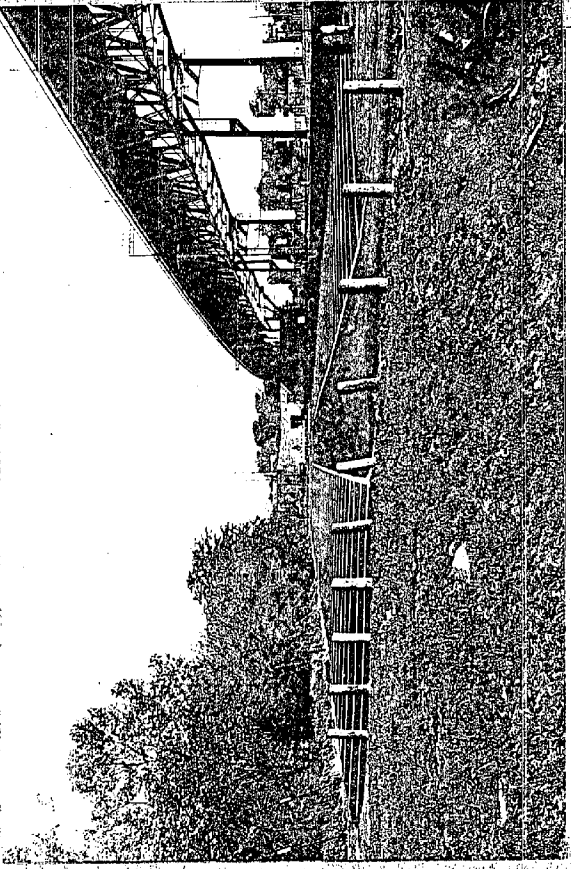
19. PARKING LOT AREA ASPHALT PAVING



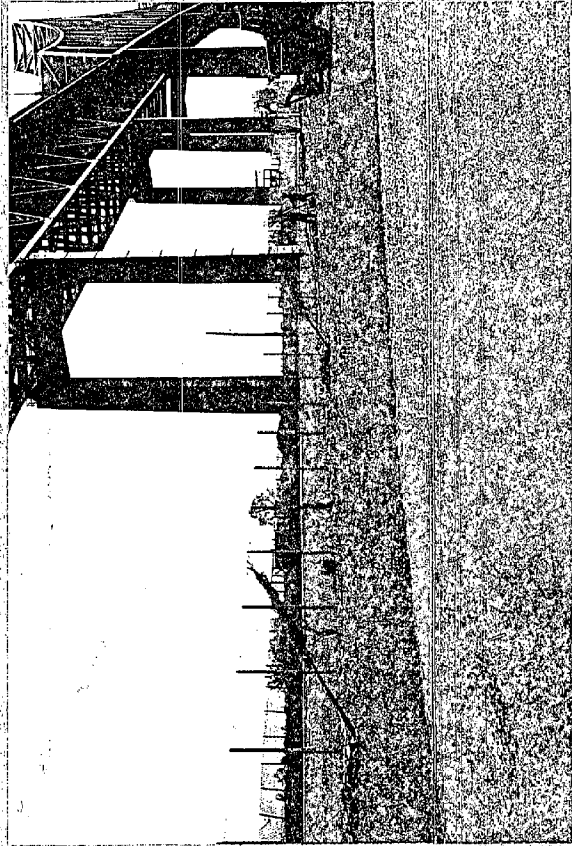
20. PARKING LOT AREA - DRAINAGE DETAIL



21. PARKING LOT AREA PERSPECTIVE



22. PARKING LOT AREA LINE PAINTING
COMMOORE PARK BRIDGE RECREATION AREA
CENTRAL ZONE MANAGEMENT PROGRAM
CITY OF CHESTER 1987



23. LANDSCAPING - TREE PLANTING



24. PERMANENT SIGN

