

# State of Rhode Island and Providence Plantations

## COASTAL RESOURCES MANAGEMENT COUNCIL

Room 508, Veterans Memorial Building  
83 Park Street, Providence, R. I. 02903

DATE: July 26, 1974

FILE NO: 74-2-1

### NOTICE OF PUBLIC HEARING

In accordance with and pursuant to the provisions of the "Administrative Procedures Act" (Chapter 42-35 of the General Laws of Rhode Island) and the Rules and Regulations of the Coastal Resources Management Council, a hearing will be held on the petition of Providence & Worcester Company, c/o Charles L. Guild & James J. Reilly, 94 Dexter Road, East Providence, R. I. 02914 relative to title 46, Chapter 23, Section 6D (a) (b) (c) (d); title 46, Chapter 6, Section 1, and title 46, Chapter 6, Section 2 of the Rhode Island General Laws of 1956, as amended, for a State of Rhode Island assent to construct and maintain a sheet steel piling bulkhead of 3760 lineal feet approximately 10 feet high above mean low water; dredge approximately 287,000 cu. yds. in front of bulkhead, dredged material to be deposited behind bulkhead; place approximately 713,000 cu yds. additional fill behind bulkhead, such fill to be supplied from other sources.

Waterway PROVIDENCE RIVER (South of Wilkes Barre pier)

The hearing will be held at Room 313, State House, Providence, R. I. 7:30 p.m. on August 20, 1974. *SEPT 7, 1974*

Parties interested in/or concerned with the above mentioned matter are invited to be present and/or represented by counsel at the above mentioned time and place.

Plans of the proposed work may be seen in the office of the Coastal Resources Management Council, 83 Park Street, Providence, Rhode Island between the hours of 8:30 a.m. and 4:00 p.m., Monday through Friday. Plans may also be viewed at the Clerk's office City of East Providence.

Oral statements will be heard and recorded and statements may be submitted to the hearing officers at the time of hearing.

Signed this 26th day of July, 1974.

IN CITY COUNCIL  
SEP 5 1974

READ:

WHEREUPON IT IS ORDERED THAT  
THE SAME BE RECEIVED.

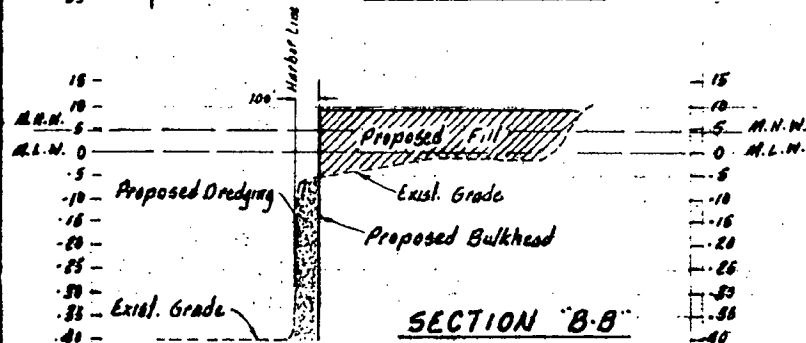
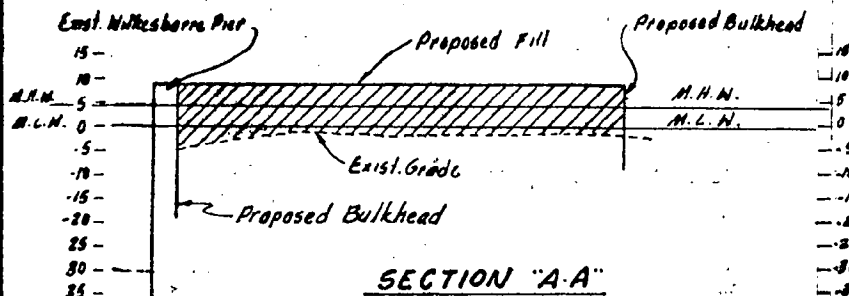
*Vincent Crespi*  
CLERK

*John A. Lyons*

CHAIRMAN

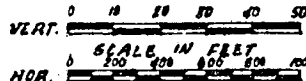
COASTAL RESOURCES MANAGEMENT COUNCIL

Approximately 287,000 cubic yards to be dredged and deposited on the shore side of the proposed bulkhead and additional 713,000 cubic yd. of fill will be deposited within the bulkhead area.



#### SCALES FOR SECTIONS

BENCH MARK  
Wilkes Reference Disk  
C & G's Elevation 18.50



Lot No. 20 on A.P. 8  
Union Oil Co.  
200 East Golf Rd.  
Palatine, ILL.

Lot No. 25 on A.P. 8  
Property of  
Providence and Worcester Co.  
94 Dexter Rd.  
East Providence, R.I.

Lot No. 1 on A.P. 8  
Property of:  
Exxon Oil Co.  
P.O. Box 358  
Baltimore M.D.  
Union Oil Co.  
200 East Golf Rd.  
Palatine, ILL.  
Getty Oil Co.  
Getty Building  
660 Madison Ave.  
New York, N.Y.

Lot No. 2 on A.P. 8 & Lot No. 10 & 11 on A.P. 9  
Property of:  
Charles L. Guild & James J. Reilly  
7 Stone Tower Lane  
Barrington, R.I.

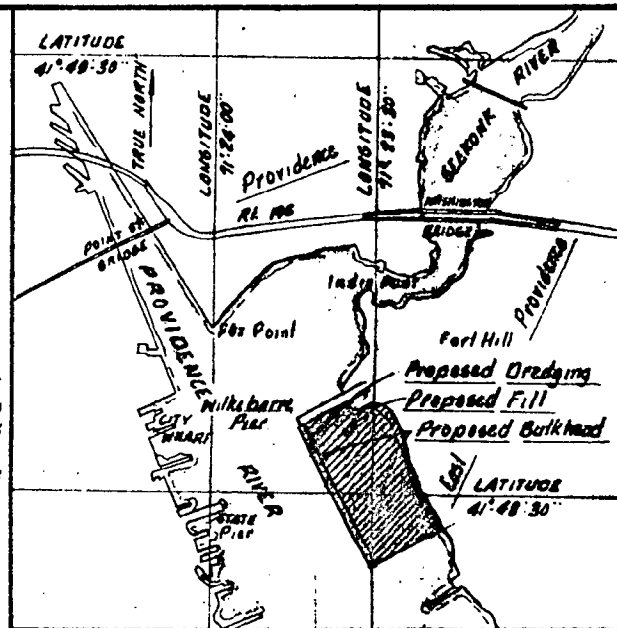
**APPLICANTS**  
Providence and Worcester Co.  
94 Dexter Rd.  
East Providence, R.I.  
&  
Charles L. Guild & James J. Reilly  
7 Stone Tower Lane  
Barrington, R.I.

Proposed Dredging, Fill and Bulkhead  
in Providence River, at County of Providence  
State of R.I. Application by  
Providence and Worcester Co. & Charles L. Guild & James J. Reilly

January 28, 1974

Revised May 22, 1974  
Revised July 8, 1974

SHEET 1 OF 2 SHEETS

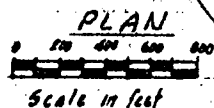


#### LOCATION MAP

SCALE IN FEET



From U.S.G.S. Quad. - Prov. R.I.



#### NOTE:

Soundings are in feet and  
refer to Mean Low Water

IN CITY COUNCIL

AUG 1 1974  
FIRST READING  
REFERRED TO COMMITTEE ON

PUBLIC WORKS

Clement Cooper  
CLERK

THE COMMITTEE ON  
PUBLIC WORKS

Recommendations

Be Received  
Clement Cooper  
Aug. 13, 1974

City of Providence



Rhode Island

Department of City Clerk

**MEMORANDUM**

DATE: August 2, 1974

TO: Acting Director Travisono

SUBJECT: Coastal Resources Management Council

CONSIDERED BY: Committee on Public Works

DISPOSITION: Attached is copy of Notice of Public Hearing for above subject relative to Petition of Providence and Worcester Company.

*Concurrent People*

City Clerk



CITY OF PROVIDENCE, RHODE ISLAND  
MAYOR JOSEPH A. DOORLEY, JR.

---

DEPARTMENT OF PUBLIC WORKS . 700 ALLENS AVENUE . 02905

Lawrence P. McGarry, Director

Joseph J. Campo, Deputy Director

August 8, 1974

Chairman of the Public Works Committee  
Providence City Council  
City Hall  
Providence, R.I. 02903

Re: Coastal Resources Management Council

Dear Sir:

The Department of Public Works has no utilities or operations in or adjacent to the proposed bulkhead location in East Providence; and, consequently, has no objection to this construction.

Very truly yours,  
*Everett A. Travisono*

Everett A. Travisono  
Acting Director of Public Works

EAT:jlc

CC: James T. Beattie  
Executive Office  
City Hall

COASTAL RESOURCES MANAGEMENT COUNCIL

Room 508, Veterans Memorial Building  
83 Park Street, Providence, R. I. 02903

*CHANGE*

DATE: August 9, 1974

FILE NO: 74-2-1

NOTICE OF PUBLIC HEARING

In accordance with and pursuant to the provisions of the "Administrative Procedures Act" (Chapter 42-35 of the General Laws of Rhode Island) and the Rules and Regulations of the Coastal Resources Management Council, a hearing will be held on the petition of PROVIDENCE & WORCESTER COMPANY c/o Charles L. Guild & James J. Reilly, 94 Dexter Road, East Prov., R.I. relative to title 46, Chapter 23, Section 6D (a) (b) (c) (d); title 46, Chapter 6, Section 1, and title 46, Chapter 6, Section 2 of the Rhode Island General Laws of 1956, as amended, for a State of Rhode Island assent to

construct and maintain a sheet steel piling bulkhead of 3,760 Lineal Feet approximately 10 feet high above Mean Low Water; dredge approximately 287,000 cu. yds. in front of bulkhead; dredged material to be deposited behind bulkhead; place approximately 713,000 cu. yds additional fill behind bulkhead, such fill to be supplied from other sources.

Waterway; Providence River, (south of Wilkes Barre Pier)

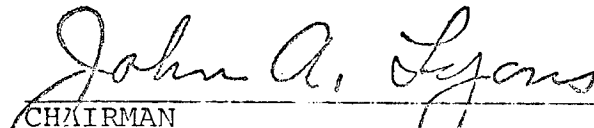
The hearing will be held at Room 313, State House, Providence, Rhode Island beginning at 7:30 p.m. on September 17, 1974.

Parties interested in/or concerned with the above mentioned matter are invited to be present and/or represented by counsel at the above mentioned time and place.

Plans of the proposed work may be seen in the office of the Coastal Resources Management Council, 83 Park Street, Providence, Rhode Island between the hours of 8:30 a.m. and 4:00 p.m., Monday through Friday. Plans may also be viewed at the Clerk's office CITY of EAST PROVIDENCE.

Oral statements will be heard and recorded and statements may be submitted to the hearing officers at the time of hearing.

Signed this 9th day of August, 1974.

  
\_\_\_\_\_  
CHAIRMAN  
COASTAL RESOURCES MANAGEMENT COUNCIL

VINCENT PALLOZZI  
DIRECTOR



JOSEPH A. DOORLEY, JR.  
MAYOR

**DEPARTMENT OF PLANNING AND URBAN DEVELOPMENT**  
40 FOUNTAIN ST. • PROVIDENCE, R. I. 02903 • TEL. 401-831-6550

September 18, 1974

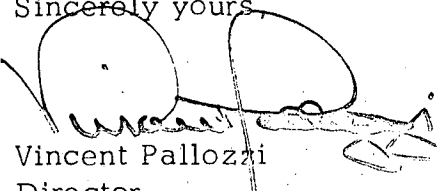
John A. Lyons, Chairman  
Coastal Resources Management Council  
State of Rhode Island  
Room 508, Veterans Memorial Building  
83 Park Street  
Providence, Rhode Island 02903

Dear Mr. Lyons:

With respect to your public hearing notices, File No. 74-2-1, on the petition of the Providence and Worcester Railroad and others to fill a large area south of the Wilkes-Barre Pier within the Providence River, our staff study is necessarily inconclusive for lack of essential information. We have inspected the site and studied all the information submitted to your Council and distributed by you to interested parties, and conferred with your engineer, Mr. George Smith regarding the unavailability of further information that should let us determine whether to support or withhold support, or oppose, the permission being requested by the petitioners.

Enclosed is a copy of a staff memorandum dated August 15, 1974, detailing specifically our need for additional information. We feel that your Council members have the same need before coming to a decision over the granting or denying of the petition.

Sincerely yours,

  
Vincent Pallozzi  
Director

VP:sm  
Enclosure

MEMORANDUM

Date : August 15, 1974  
To : Vincent Pallozzi, Director  
From : John R. Kellam, Supervisor of Long Range Planning  
Re : Providence River Rail-Ship Terminal; Proposal to Fill Tidal Flats

---

The petitioner requests the Coastal Resources Management Council to permit construction of a steel bulkhead and placement of 1 million cubic yards of dredged and other fill within 45 of the 49.7 acres comprising a group of underwater parcels in the Providence River immediately south of the Wilkes-Barre Pier. The other 4.7 acres within 100 feet of the Harbor Line are to be dredged to provide 287,000 cubic yards of the fill material. (But these acreages are subject to the resolution of some ambiguities in the petition sketches, as described below.) Of these assumed operations areas, the portion within the City of Providence boundary is only 0.481 acres, but the environmental factors affect both our city and East Providence.

Information now available is too scanty to justify either our support of or opposition to the petition. Such information as the petitioners have supplied to the Rhode Island C.R.M.C. is the basis of a number of questions the answers to which should make our position determinable. These questions should be translated into an inquiry communication, and involve considerations of land use, structural stability, tidal erosion during storms, availability of fill materials, and pollution controls. The information we need is listed under these five categories below:

1. Land Use. What are the proposed uses for the area? Do they include any handling of hazardous substances or materials subject to wind erosion, or drainage or spillage into the harbor waters? Will these uses



affect harbor traffic or channel clearances or affect air quality in the surrounding neighborhoods on both sides of the harbor?

2. Structural Stability. Will proposed fill, bulkheads, tiebacks, superstructures and adjacent structures be stable and safe? Do the petitioner's professional engineers have all the requisite expertise as marine design specialists? Where will the tie-rods be anchored -- in fill or in more secure positions ashore or below the fill? Are the layers of post-glacial river-bottom sediments sufficiently stable to anchor the sheet steel piling below the dredged bottom, in view of the fact that bedrock ranging as it does from 50 to 200 feet below sea level in the site is covered with riverflow sediments variously loaded with vegetative materials eroded from stream valleys? Will the dredged material be covered with enough granular clean fill so that a stable crust will restrain the plasticity of the dredged materials under conditions of structural and vehicular loading? Is the dredging (depth) line at -30 or at -40 ft. M.L.W.? (Two of the sketches appear to contradict each other: Section B-B on Sheet 1 and the Proposed Bulkhead Section on Sheet 2. In either case there may not be 287,000 cubic yards in that 205,000 square foot area because the average depth of excavation would have to be 37.8 feet.) The mislabeling of one dashed line on Sheet 1 as both "Limit of Dredged Area" and "Habor (sic) Line" makes it impossible to ascertain the location of the proposed bulkhead since the dredging already done stops at the channel line which is 100 feet or more beyond the harbor line in the vicinity of the project. Therefore Section B-B on Sheet 1 does not accurately locate the existing grade on the offshore side of the harbor line unless the channel line is mislabeled "harbor line" on that sketch. In that case, however, the bulkhead is proposed to be built at the harbor line itself without allowing 100 feet of berthing width to clear the channel for moving craft.

3. Tidal Erosion During Storms. During hurricane conditions producing 100-year tidal flooding levels, about +19.2 ft. M.L.W., will the surface be so constructed as to withstand all wave impacts and current forces without eroding to form sediments over the dredged channel and shipping berths? Why is a 10-foot bulkhead described in the petition's wording, but a lower top elevation than that is illustrated on the sketches? Will the 8-foot M.L.W. fill surface as sketched be high enough above the 5.2 ft. spring tide level, M.L.W., to afford adequate erosion protection even if hurricanes are not considered? Have the effects of normal south winds upon tide levels been considered adequately? What hydraulic studies have been made by anyone of the progressive effects of filling tidal flats upon storm tide levels and surges in upper Narragansett Bay? (If all marginal areas were ultimately to be filled to the harbor line, would the highest tidal floods be higher or lower as a consequence?) Will structures, equipment and stocked materials placed on the surface be even more vulnerable to storms than such objects presently are on the surface of Fields Point where the elevations are higher (10 to 15 ft. M.L.W.)?

4. Availability of Fill Materials. Where will the "additional" 713,000 cubic yards of fill be obtained? What type of fill will it be? Will any of it come from Providence? From which sites? Can any portion of the dredged fill come from the Texaco berths proposed at the Harbor Junction Pier in Providence? From areas that await dredging by the Army Corps of Engineers? From ledge rock shoals within the easterly side of the Rumstick Neck reach of the main channel?

5. Pollution Controls. What are the implications of dredging polluted sediments from the Providence River bottom for use as fill behind bulkheads? Are they benign or ecologically damaging? How large an area would be affected? For how long during or following operations? Would any surface treatment be needed to prevent air pollution during operations?