

## **APPENDIX E**

### **BATHYMETRY INFORMATION AVAILABLE FROM THE NOAA RECREATIONAL CHARTS FOR LAKE WINNEBAGO AND THE LOWER FOX RIVER**

# LAKE WINNEBAGO AND LOWER FOX RIVER WISCONSIN



COAST AND GEODETIC SURVEY

Polyconic Projection  
North American Datum of 1983  
(World Geodetic System 1984)

## SOUNDINGS IN FEET

### NOTE B

The channel legend reflects the Corps of Engineers project depth. The Corps of Engineers publishes the controlling depth periodically in the U.S. Coast Guard Local Notice to Mariners. For further information on channel depths, direct inquiries to Office of the District Engineer, Corps of Engineers, Detroit, Michigan.

**RADAR REFLECTORS**  
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

### RACING BUOYS

Racing buoys, within the limits of this chart are not shown here. Information may be obtained from the U.S. Coast Guard District Offices as racing and other privately maintained buoys are not all listed in the U.S. Coast Guard Light List.

**PLACES OF REFERENCE OF THIS CHART (Low Water Datum)**  
LAKE WINNEBAGO ..... 745.8 ft.  
FOX RIVER (Between Locks) ..... See Table below  
LAKE MICHIGAN ..... 577.5 ft.  
Referred to mean water level at Rimouski, Quebec, International Great Lakes Datum (1985).

**AIDS TO NAVIGATION** Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

**SYMBOLS AND ABBREVIATIONS** For complete list of symbols and abbreviations see Chart No. 1.

**BRIDGE AND OVERHEAD CABLE CLEARANCES** When the water surface is above Low Water Datum, bridge and overhead clearances are reduced correspondingly. For clearances see U.S. Coast Pilot 6.

**AUTHORITIES** Hydrography and topography by the National Ocean Service Coast and Geodetic Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

**SUPPLEMENTAL INFORMATION**  
Consult U.S. Coast Pilot 6 for important supplemental information.

### POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center at 800-424-9802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

### CAUTION

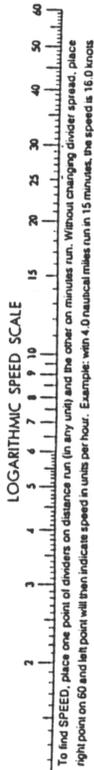
#### POTABLE WATER INTAKE (PWI)

Vessels operating in fresh water lakes or rivers shall not discharge sewage or ballast, or barge water within such areas adjacent to domestic water intakes as are designated by the Surgeon General (21 CFR 1250.93). Consult U.S. Coast Pilot 6 for important supplemental information.

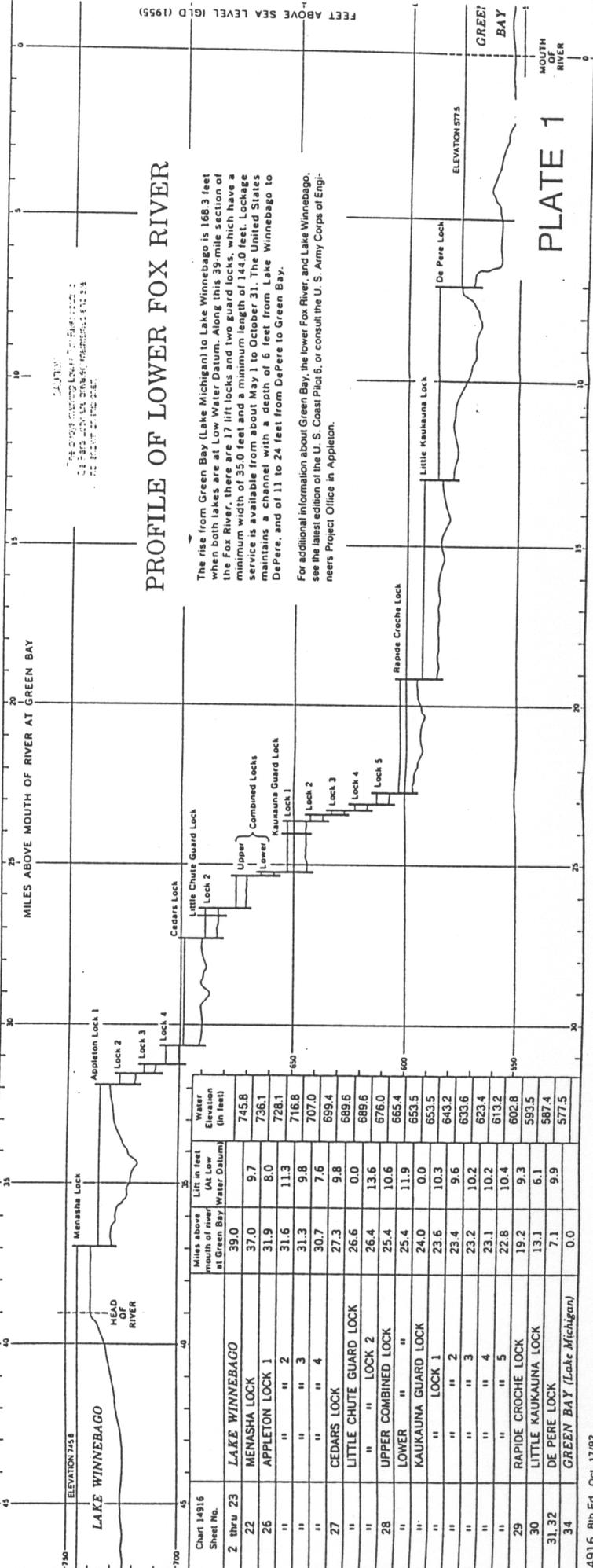
### NOTE A

Navigation regulations are published in *Channel 1, U.S. Coast Pilot 6*. For more information concerning regulations, contact the Office of the District Engineer, Corps of Engineers, Detroit, Michigan, or at the Office of the District Engineer, Corps of Engineers, Detroit, Michigan.

**FRESH WATER FACILITIES**



FATHOMS	11	12	13	14	15	16	17
FEET	20	22	24	26	28	30	32
METERS	4	4	4	4	4	4	4



**PROFILE OF LOWER FOX RIVER**

The rise from Green Bay (Lake Michigan) to Lake Winnebago is 168.3 feet when both lakes are at Low Water Datum. Along this 39-mile section of the Fox River, there are 17 lift locks and two guard locks, which have a minimum width of 35.0 feet and a minimum length of 144.0 feet. Lockage service is available from about May 1 to October 31. The United States maintains a channel with a depth of 6 feet from Lake Winnebago to DePere, and of 11 to 24 feet from DePere to Green Bay.

For additional information about Green Bay, the lower Fox River, and Lake Winnebago, see the latest edition of the U.S. Coast Pilot 6, or consult the U.S. Army Corps of Engineers Project Office in Appleton.

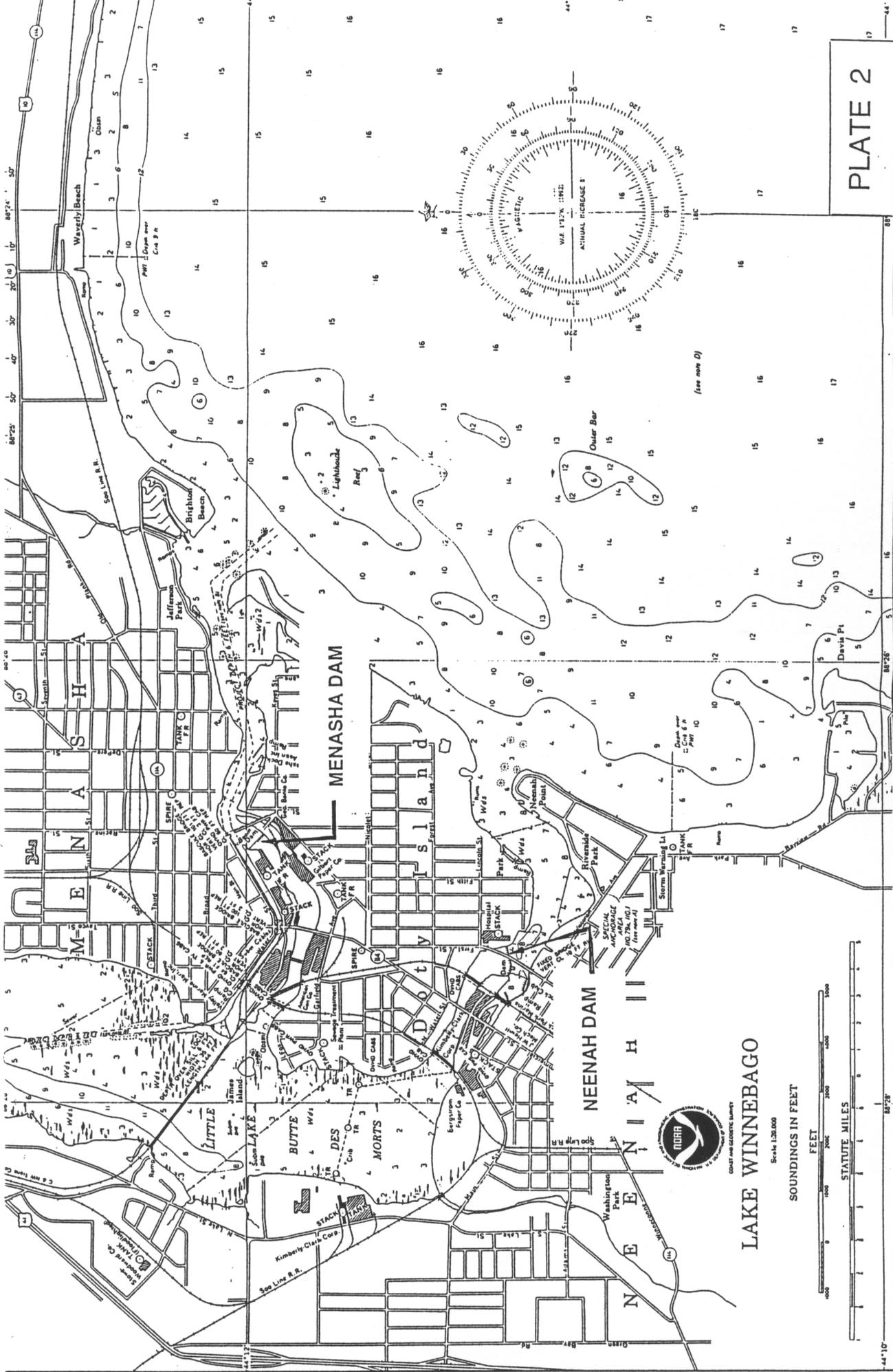


PLATE 2

LAKE WINNEBAGO

Scale 1:20,000  
SOUNDINGS IN FEET

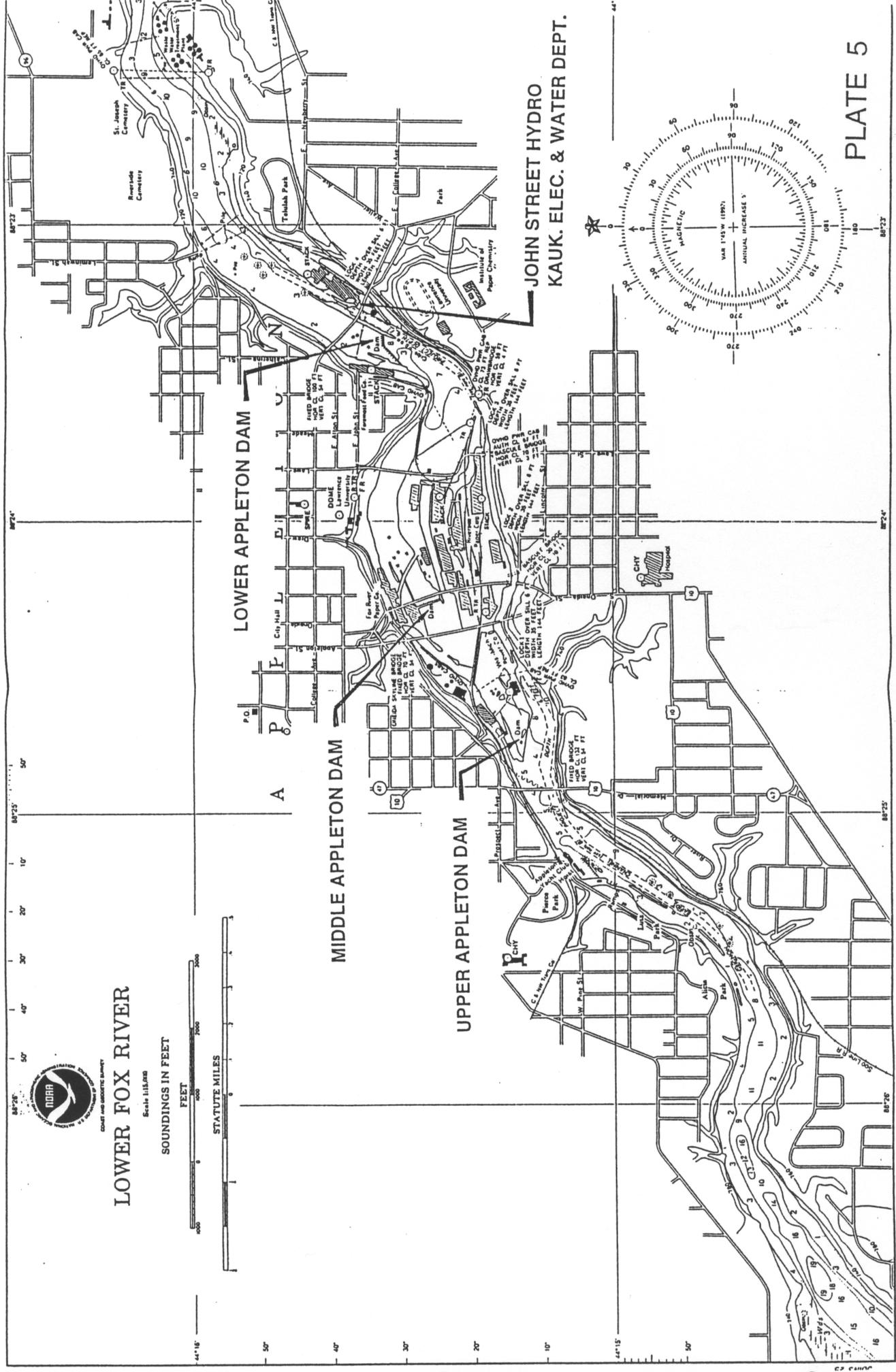
FEET  
0 1000 2000 3000 4000 5000

STATUTE MILES  
0 1 2 3 4 5



U.S. COAST AND GEODETIC SURVEY





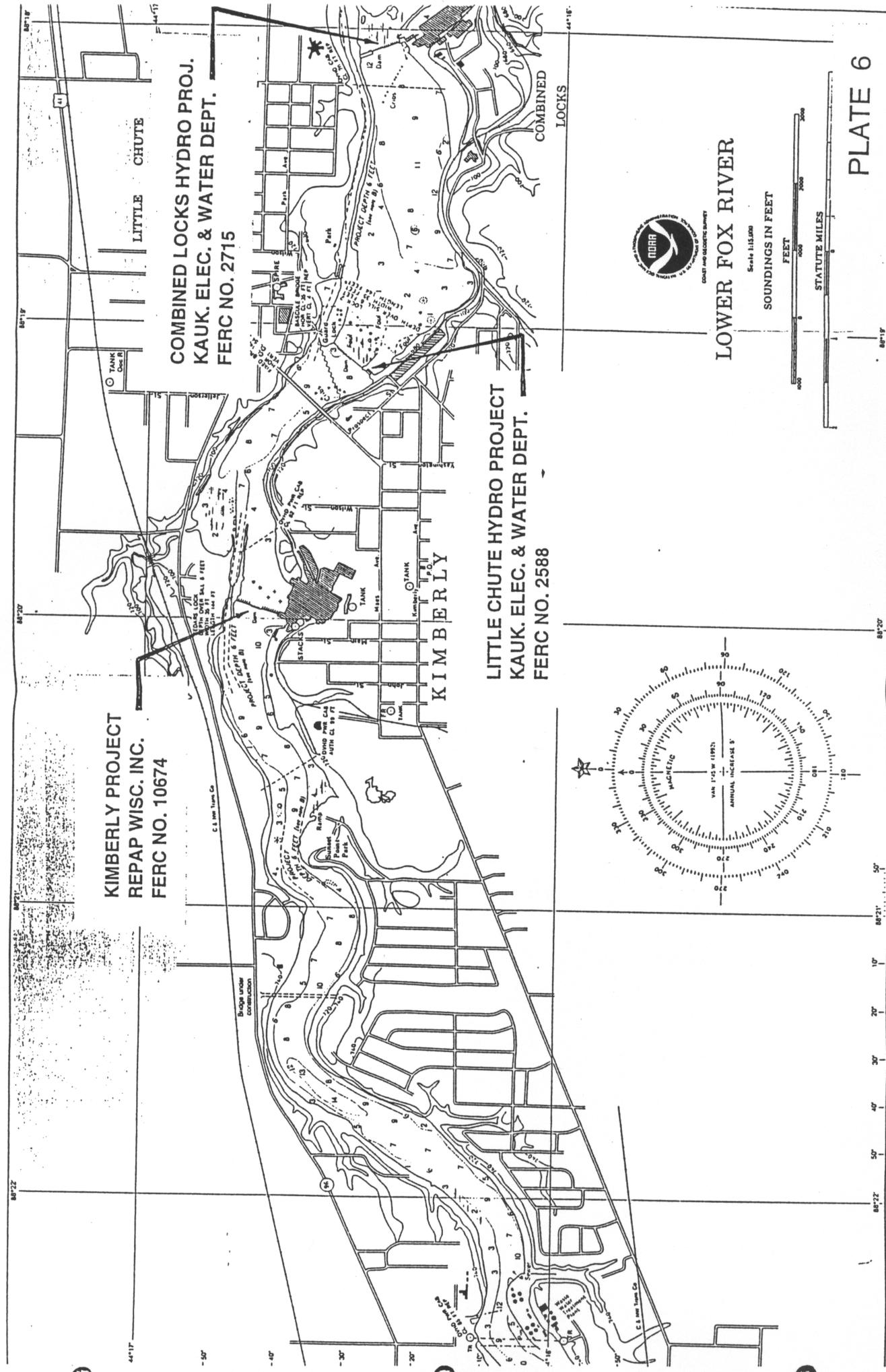
**LOWER FOX RIVER**

Scale 1:12,500  
SOUNDINGS IN FEET

STATUTE MILES

**JOHN STREET HYDRO  
KAUK. ELEC. & WATER DEPT.**

**PLATE 5**



**KIMBERLY PROJECT**  
**REPAP WISC. INC.**  
**FERC NO. 10674**

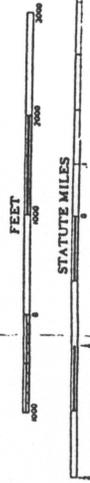
**COMBINED LOCKS HYDRO PROJ.**  
**KAUK. ELEC. & WATER DEPT.**  
**FERC NO. 2715**

**LITTLE CHUTE HYDRO PROJECT**  
**KAUK. ELEC. & WATER DEPT.**  
**FERC NO. 2588**

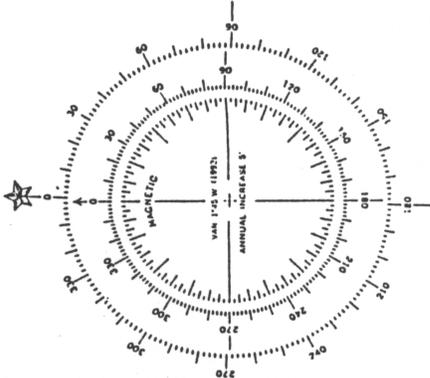


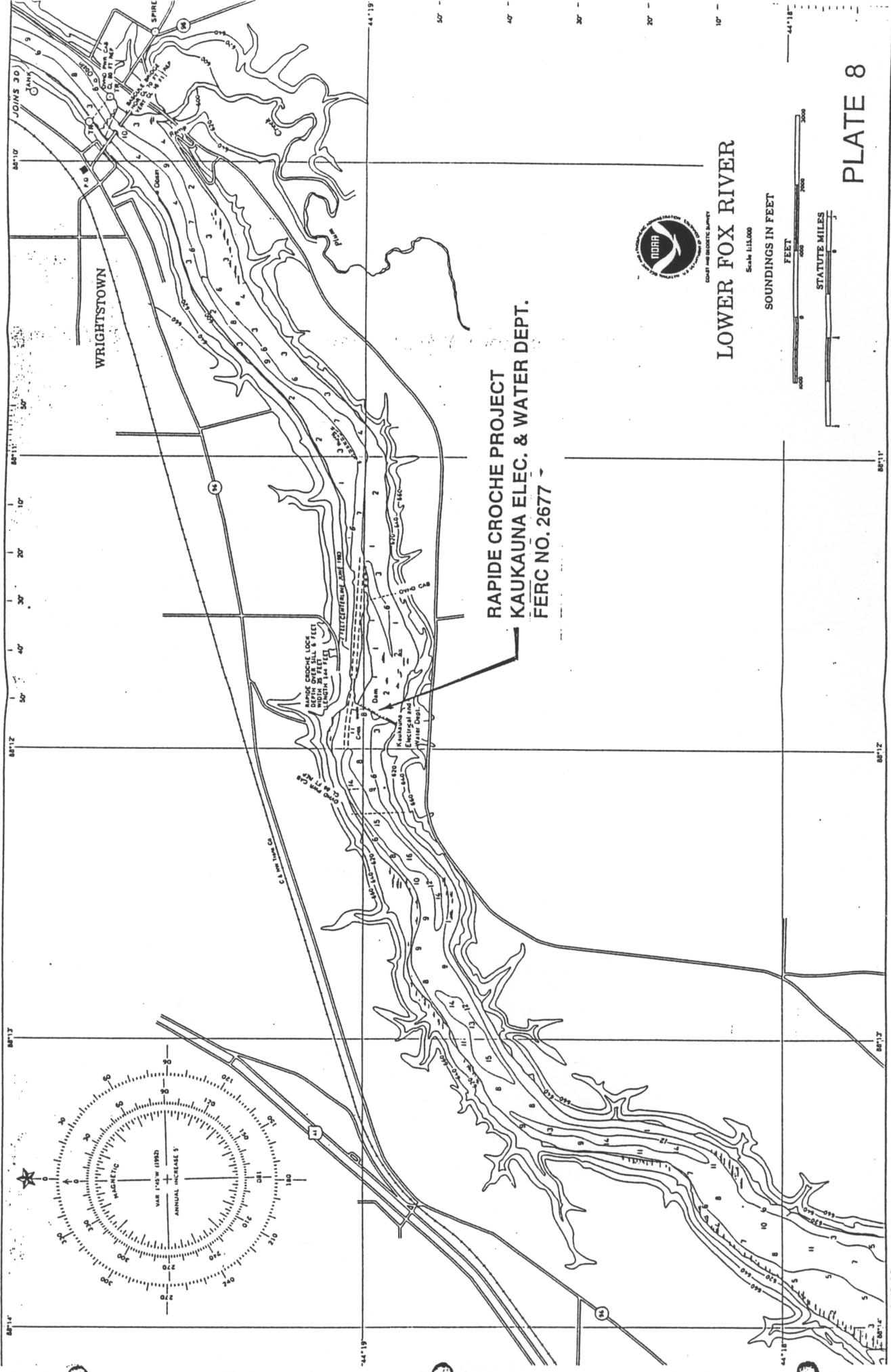
**LOWER FOX RIVER**

Scale 1:15,000  
 SOUNDINGS IN FEET



**PLATE 6**



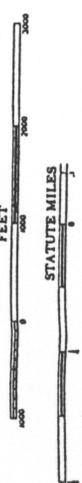


**RAPIDE CROCHE PROJECT  
KAUKAUNA ELEC. & WATER DEPT.  
FERC NO. 2677**



**LOWER FOX RIVER**

Scale 1:15,000  
SOUNDINGS IN FEET



**PLATE 8**

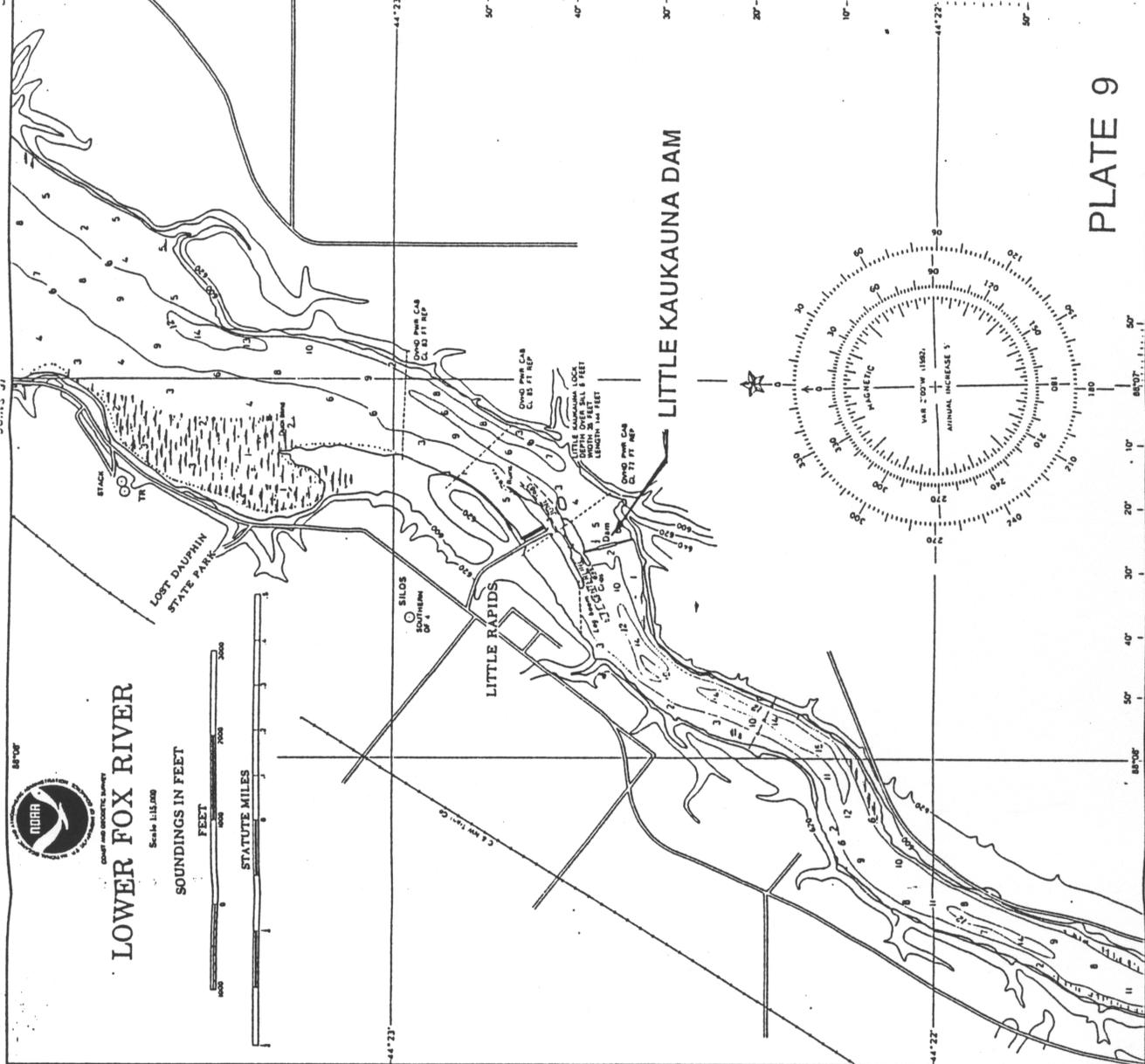
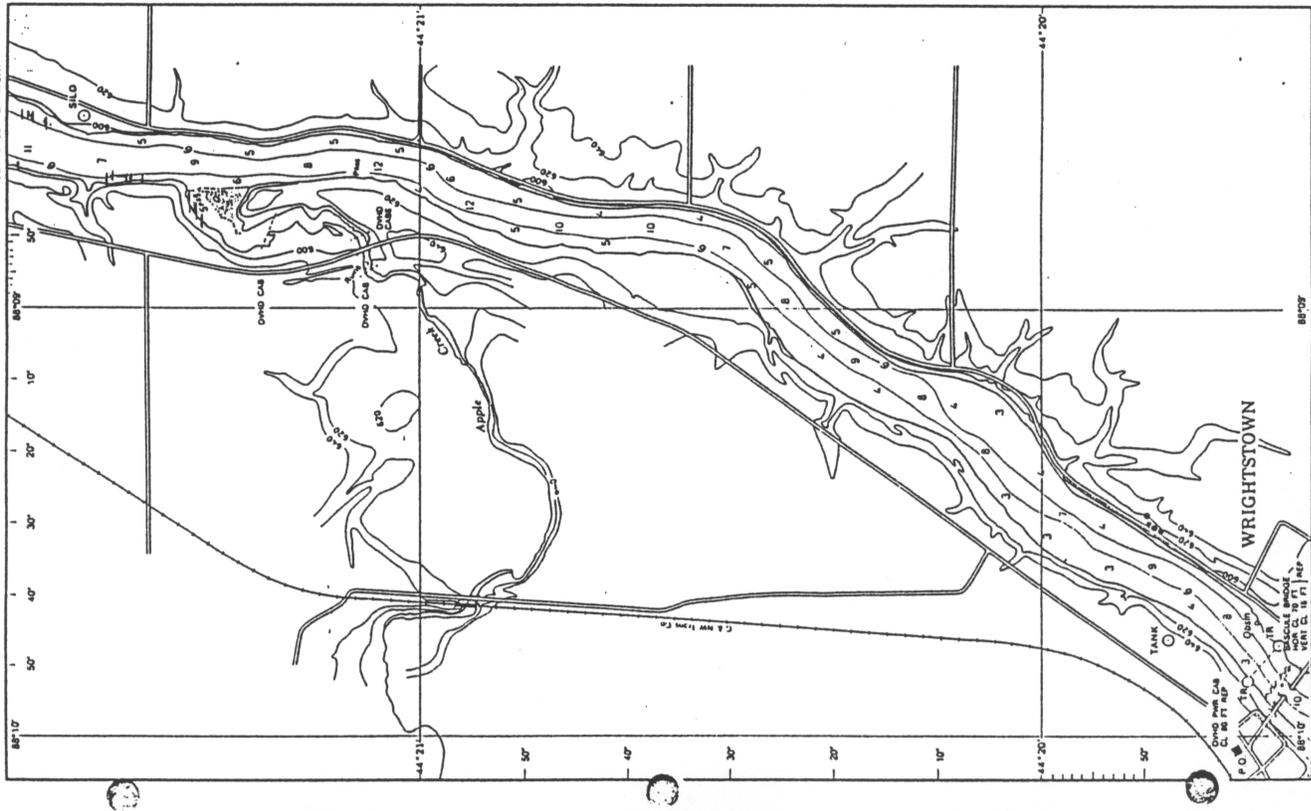


PLATE 9

JOINS UPPER LEFT

JOINS 29 14916 8th Ed., Oct. 17/92






  
**LOWER FOX RIVER**
  
 SOUNDINGS IN FEET
   
 Scale 1:115,000
   
 STATUTE MILES
   
 FEET



U.S. COAST AND GEODETIC SURVEY

# LOWER FOX RIVER

Scale 1:12,500

SOUNDINGS IN FEET



STATUTE MILES

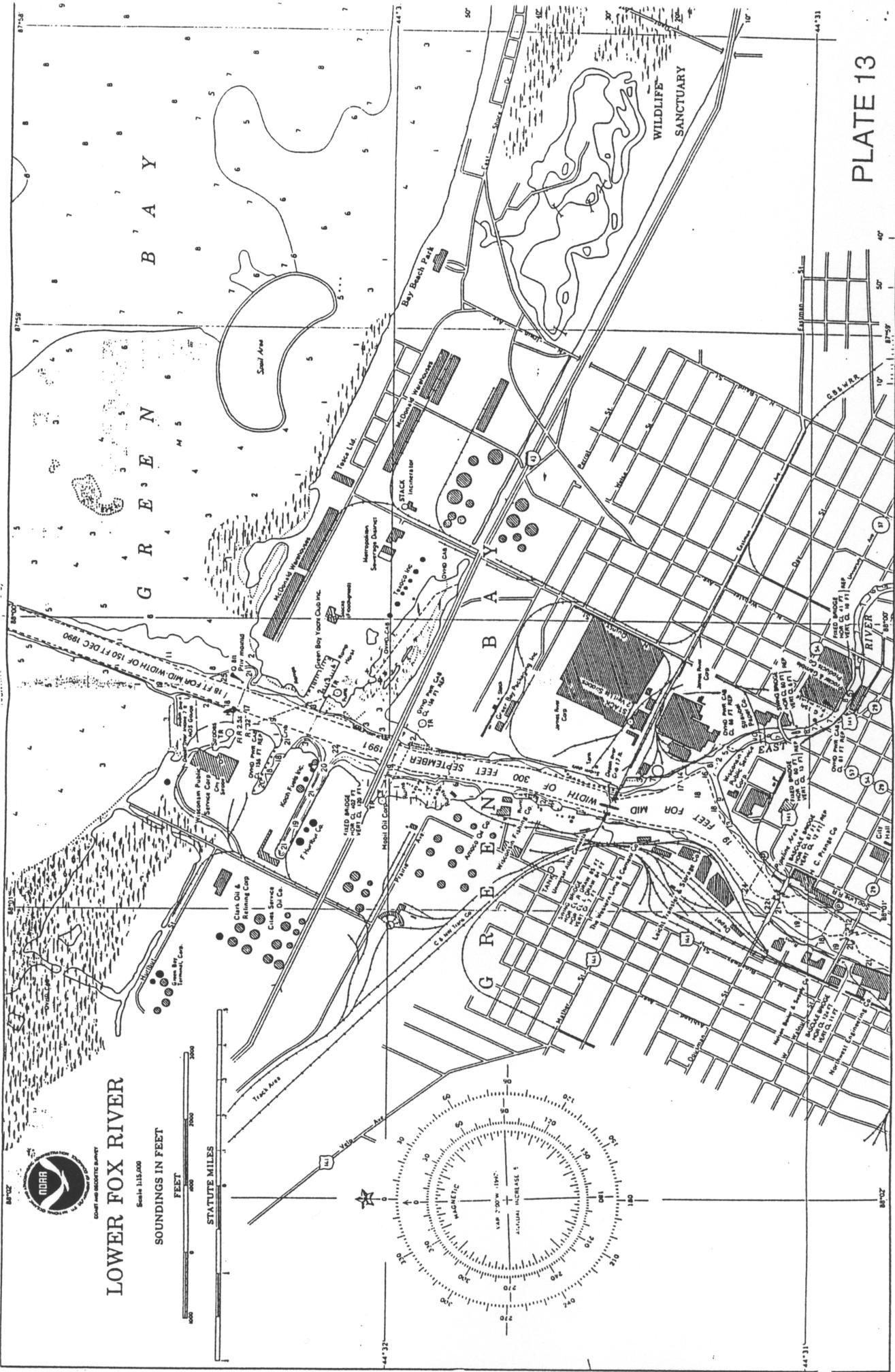
# PLATE 12

JOHNS 24

BR 03

BR 03

JOHNS 32



**LOWER FOX RIVER**



Scale 1:15,000

SOUNDINGS IN FEET



STATUTE MILES

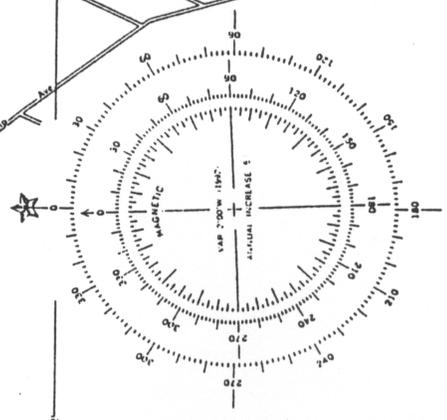


PLATE 13