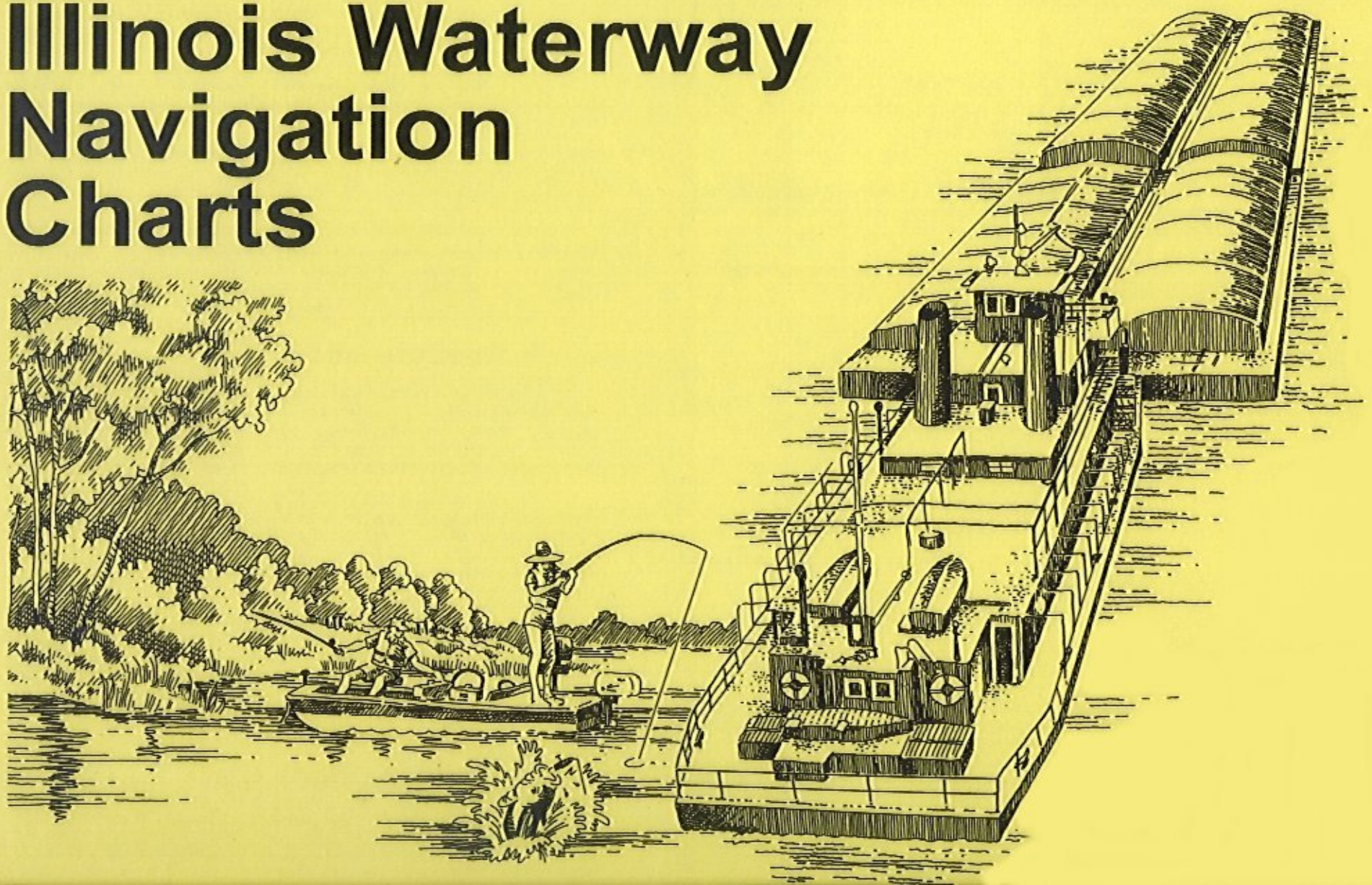
US Army Corps
of Engineers

Illinois Waterway Navigation Charts



REGULATIONS

PRESCRIBED BY THE SECRETARY OF THE ARMY FOR OHIO RIVER, MISSISSIPPI RIVER ABOVE CAIRO, ILLINOIS WATERWAY, AND THEIR TRIBUTARIES; USE, ADMINISTRATION AND NAVIGATION

THE LAW

Section 7 of the River and Harbor Act of August 8, 1917, provides as follows:

"That it shall be the duty of the Secretary of War to prescribe such regulations for the use, administration, and navigation of the navigable waters of the United States as in his judgment the public necessity may require for the protection of life and property, or of operations of the United States in channel improvement, covering all matters not specifically delegated by law to some other executive department. Such regulations shall be posted, in conspicuous and appropriate places, for the information of the public; and every person and every corporation which shall violate such regulations shall be deemed guilty of a misdemeanor, and on conviction thereof in any district court of the United States within whose territorial jurisdiction such offense may have been committed, shall be punished by a fine not exceeding $500, or by imprisonment (in the case of a natural person) not exceeding six months, in the discretion of the court."

In pursuance of the law above quoted, the following regulations were prescribed to govern the use, administration, and navigation of the Mississippi River above Cairo, IL., and its tributaries.

THE REGULATIONS

33 CFR.Sec.207.300 Ohio River, Mississippi River Above Cairo, IL, Illinois Waterway, and Their Tributaries; Use, Administration, and Navigation.

(a) Authority of Lockmasters.

(1) Locks Staffed with Government Personnel. The provisions of this paragraph apply to all waterways in this section except for Cordell Hull Lock located at Mile 313.5 on the Cumberland River in Tennessee. The lockmaster shall be charged with the immediate control and management of the lock, and of the area set aside as the lock area, including the lock approach channels. He/she shall see that all laws, rules, and regulations for the use of the lock and lock area are duly complied with, to which end he/she is authorized to give all necessary orders and directions in accordance therewith, both to employees of the Government and to any and every person within the limits of the lock or lock area, whether navigating the lock or not. No one shall cause any movement of any vessel, boat, or other floating thing in the lock or approaches except by or under the direction of the lockmaster or his/her assistants. In the event of an emergency, the lockmaster may depart from these regulations as he deems necessary. The lockmasters shall also be charged with the control and management of Federally constructed mooring facilities.

(2) Locks Staffed with Contract Personnel. The provisions of this paragraph apply to Cordell Hull Lock located at Mile 313.5 on the Cumberland River in Tennessee. Contract personnel shall give all necessary orders and directions for operation of the approaches except by or under the direction of the contract lock operator. All duties and responsibilities of the lock master set forth in this section shall be performed by the contract lock operator except that responsibility for enforcing all laws, rules, and regulations shall be vested in a government employee designated by the Nashville District Engineer. The district engineer will notify waterway users and the general public through appropriate notices and media concerning the location and identity of the designated government employee.

(b) Safety Rules for Vessels Using Navigation Locks.

The following safety rules are hereby prescribed for vessels in the locking process, including the act of approaching or departing a lock:

(1) Tows with Flammable or Hazardous Cargo Barges, Loaded or Empty.

(i) Stripping barges or transferring cargo is prohibited.

(ii) All hatches on barges used to transport flammable or hazardous materials shall be closed and latched, except those barges carrying a gas-free certificate.

(iii) Spark-proof protective rubbing fenders ('possums") shall be used.

(2) All Vessels.

(i) Leaking vessels may be excluded from locks until they have been repaired to the satisfaction of the lockmaster.

(ii) Smoking, open flames, and chipping or other spark-producing activities are prohibited on deck during the locking cycle.

(iii) Painting will not be permitted in the lock chamber during the locking cycle.

(iv) Tow speeds shall be reduced to a rate of travel such that the tow can be stopped by checking should mechanical difficulties develop. Pilots should check with the individual lockmasters concerning prevailing conditions. It is also recommended that pilots check their ability to reverse their energies prior to beginning an approach. Engines shall not be turned off in the lock until the tow has stopped and been made fast.

(v) U.S. Coast Guard Regulations require all vessels to have on board life saving devices for prevention of drowning. All crew members of vessels required to carry work vests (life jackets) shall wear them during a lockage, except those persons in an area enclosed with a handrail or other device which would reasonably preclude the possibility of failing overboard. All deckhands handling lines during locking procedures shall wear a life jacket. Vessels not required by Coast Guard Regulations to have work vests aboard shall have at least the prescribed life saving devices, located for ready access and use if needed. The lockmaster may refuse lockage to any vessel which fails to conform to the above.

(c) Reporting of Navigation Incidents.

In furtherance of increased safety on waterways the following safety rules are hereby prescribed for all navigation interests:

(1) Any incident resulting in uncontrolled barges shall immediately be reported to the nearest lock. The report shall include information as to the number of loose barges, their cargo, and the time and location where they broke loose. The lockmaster or locks shall be kept informed of the progress being made in bringing the barges under control so that he can initiate whatever actions may be warranted.

(2) Whenever barges are temporarily moored at other than commercial terminals or established fleeting areas, and their breaking away could endanger a lock, the nearest lock shall be so notified, preferably the downstream lock.

(3) Sunken or sinking barges shall be reported to the nearest lock both downstream and upstream of the location in order that other traffic passing these points may be advised of the hazards.

(4) In the event of an oil spill, notify the nearest lock downstream, specifying the time and location of the incident, type of oil, amount of spill, and what recovery or controlling measures are being employed.

(5) Any other activity on the waterways that could conceivably endanger navigation or a navigation structure shall be reported to the nearest lock.

(6) Whenever it is necessary to report an incident involving uncontrolled, sunken or sinking barges, the cargo in the barges shall be accurately identified.

(d) Precedence at Locks.

(1) The vessel arriving first at a lock shall normally be first to lock through, but precedence shall be given to vessels belonging to the United States. Licensed commercial passenger vessels operating on a published schedule or regularly operating in the "for hire" trade shall have precedence over cargo tows and like craft. Commercial cargo tows shall have precedence over recreational craft, except as described in paragraph (f).

(2) Arrival posts or markers may be established above and/or below the locks. Vessels arriving at or opposite such posts or markers will be considered as having arrived at the locks within the meaning of this paragraph. Precedence may be established visually or by radio communication. The lockmaster may prescribe such departure from the normal order of precedence as in his judgment is warranted to achieve best lock utilization.

(e) Unnecessary Delay at Locks.

Masters and pilots must use every precaution to prevent unnecessary delay in entering or leaving locks. Vessels failing to enter locks with reasonable promptness when signaled to do so shall lose their turn. Rearranging or switching of barges in the locks or in approaches is prohibited unless approved or directed by the lockmaster. This is not meant to curtail "jackknifing" or set-overs where normally practiced.

(f) Lockage of Recreation Craft.

In order to fully utilize the capacity of the lock, the lockage of recreational craft shall be expedited by locking them through with commercial craft, **provided that both parties agree to joint use of the chamber.** When recreational craft are locked simultaneously with commercial tows, the lockmaster will direct, whenever practicable. that the recreational craft enter the lock and depart while the tow is secured in the lock. Recreational craft will not be locked through with vessels carrying volatile cargoes or other substances likely to emit toxic or explosive vapors. If the lockage of recreational craft can not be accomplished within the time required for three other lockages, a separate lockage of recreational craft shall he made. Recreational

riverward chamber in the case of twin locks.

(iv) Four or more short blasts of the lock whistle delivered in rapid succession will be used as a means of attracting attention, to indicate caution, and to signal danger. This signal will be used to attract the attention of the captain and crews of vessels using or approaching the lock or navigating in its vicinity and to indicate that something unusual involving danger or requiring special caution is happening or is about to take place. When this signal is given by the lock, the captains and crews of vessels in the vicinity shall immediately become on the alert to determine the reason for the signal and shall take the necessary steps to cope with the situation.

(2) **Lock Signal Lights**. At locks where density of traffic or other local conditions make it advisable, the sound signals from the lock will be supplemented by signal lights. Flashing lights (showing a one-second flash followed by a two-second eclipse) will be located on or near each end of the land wall to control use of a single lock or of the landward lock of double locks. In addition, at double locks, interrupted flashing lights (showing a one-second flash, a one- second eclipse and a one- second flash, followed by a three-second eclipse) will be located on or near each end of the intermediate wall to control use of the riverward lock. Navigation will be governed as follows:

(i.) Red Light. Lock cannot be made ready immediately. Vessel shall stand clear.

(ii) Amber Light. Lock is being made ready. Vessel may approach but under full control.

(iii) Green Light. Lock is ready for entrance.

(iv) Green and Amber. Lock is ready for entrance but gates cannot be recessed completely. Vessel may enter under full control and with extreme caution.

(3) **Radio Communications.** VHF-FM radios, operating in the FCC authorized Maritime Band, have been installed at all operational locks (except those on the Kentucky River and Lock 3. Green River). Radio contact may he made by any vessel desiring passage. Commercial tows are especially requested to make contact at least one half hour before arrival in order that the pilot may be informed of current river and traffic conditions that may affect the safe passage of his tow.

(4) All locks monitor 156.8 MHz (Ch. 16) and 156.65 MHz (Ch. 13) and can work 156.65 MHz (Ch. 13) and 156.7 MHz (Ch. 14) Ch. 16 is the authorized call, reply and distress frequency, and locks are not permitted to work on this frequency except in an emergency involving the risk of immediate loss of life or property. Vessels may call and work Ch. 13, without switching, but are cautioned that vessel to lock traffic must not interrupt or delay Bridge to Bridge traffic which has priority at all times.

(k) Rafts. Rafts to be locked through shall be moored in such manner as not to obstruct the entrance of the lock, and if to be locked in sections, shall be brought to the lock as directed by the lockmaster. After passing the lock the sections shall be reassembled at such distance beyond the lock as not to interfere with other vessels.

(l) Entrance to and Exit from Locks. In case two or more boats or tows are to enter for the same lockage. their order of entry shall be determined by the lockmaster. Except as directed by the lockmaster, no boat shall pass another in the lock. In no case will boats he permitted to enter or leave the locks until directed to do so by the lockmaster. The sides of all craft passing through any lock shall be free from projections of any kind which might injure the lock walls. All vessels shall be provided with suitable fenders, and shall be used to protect the lock and guide walls until is has cleared the lock and guide walls.

(m) Mooring.

personnel during the entire locking procedure. When the vessel is securely moored, the pilot shall not cause movement of the propellers except in emergency or unless directed by the lockmaster. Tying to lock ladders is strictly prohibited.

(ii) Mooring of unattended or nonpropelled vessels or small craft at the upper or lower channel approaches will not be permitted within 1200 feet of the lock.

(2) **Outside of Locks.**

(i) No vessel or other craft shall regularly or permanently moor in any reach of a navigation channel. The approximate centerline of such channels are marked as the sailing line on Corps of Engineers' navigation charts. Nor shall any floating craft, except in an emergency, moor in any narrow or hazardous section of the waterway. Furthermore, all vessels or other craft are prohibited from regularly or permanently mooring in any section of navigable waterways which are congested with commercial facilities or traffic unless it is moored at facilities approved by the Secretary of the Army or his authorized representative. The limits of the congested areas shall be marked on Corps of Engineers' navigation charts. However, the District Engineer may authorize in writing exceptions to any of the above if, in his judgment, such mooring would not adversely affect navigation and anchorage.

(ii) No vessel or other craft shall be moored to railroad tracks, to riverbanks in the vicinity of railroad tracks when such mooring threatens the safety of equipment using such tracks, to telephone poles or power poles, or to bridges or similar structures used by the public.

(iii) Except in case of great emergency, no vessel or craft shall anchor over revetted banks of the river, and no floating plant other than launches and similar small craft shall land against banks protected by revetment except at regular commercial landings. In all cases, every precaution-caution to avoid damage to the revetment works shall be exercised. The construction of log rafts along mattressed or paved banks or the tying up and landing of log rafts against such banks shall be performed in such a manner as to cause no damage to the mattress work or bank paving. Generally, mattress work extends out into the river 600' from the low water line.

(iv) Any vessel utilizing a federally constructed mooring facility (e.g., cells, buoys, anchor rings) at the points designated on the current issue of the Corps' navigation charts shall advise the lockmaster at the nearest lock that from point by the most expeditious means.

(n) Draft of Vessels. No vessel shall attempt to enter a lock unless its draft is at least three inches less than the least depth of water over the guard sills, or over the gate sills if there be no guard sills. Information concerning controlling depth over sills can be obtained from the lockmaster at each lock or by inquiry at the office of the district engineer of the district in which the lock is located.

(o) Handling Machinery. No one but employees of the United States shall move any lock machinery except as directed by the lockmaster. Tampering or meddling with the machinery or other parts of the lock is strictly forbidden.

(p) Refuse in Locks. Placing or discharging refuse of any description into the lock, on lock walls or esplanade, canal or canal bank is prohibited.

(2) At movable dams when the dam has been lowered or partly lowered so that there is an unobstructed navigable pass through the dam, the navigation lights indicated in the following paragraphs will be displayed during hours of darkness until lock walls and weir piers are awash.

(i) Three red lights visible through an arc of 360° arranged in a vertical line on the upstream end of the river (guard) wall.

(ii) Two red lights visible through an arc of 360° arranged in a vertical line on the downstream end of the river (guard) wall.

(iii) A single red light visible through an arc of 360° on each end (upstream and downstream) of the land (guide) wall.

(3) After lock walls and weir piers are awash they will be marked as prescribed in paragraph (x) below.

(4) If one or more bear traps or weirs are open or partially open, and may cause a set in current conditions at the upper approach to the locks, this fact will be indicated by displaying a white circular disk 5 feet in diameter, on or near the light support on the upstream end of the land (guide) wall during the hours of daylight, and will be indicated during hours of darkness by displaying a white (amber) light vertically under and 5 feet below the red light on the upstream end of the land (guide) wall.

(5) At Locks No, 1 and 2. Green River, when the locks are not in operation because of high river stages, a single red light visible through an arc of 360° will be displayed on each end (upstream and downstream) of the lock river (guard) wall at which time the lights referred to above will not be visible.

(w) Navigation Lights for Use at Locks and Dams on the Kentucky River and Lock 3 Green River. A single red light visible through an arc of 360 degrees shall be displayed during hours of darkness at each end of the river wall or extending guard structures until these structures are awash.

(x) Buoys at Movable Dams.

(1) Whenever the river (guard) wall of the lock and any portion of the dam are awash, and until covered by a depth of water equal to the project depth, the limits of the navigable pass through the dam will be marked by buoys located at the upstream and downstream ends of the river (guard) wall, and by a single buoy over the end or ends of the portion or portions of the dam adjacent to the navigable pass over which project depth is not available. A red nun-type buoy will be used for such structures located on the left-hand side (facing downstream) of the river and a black can-type buoy for such structures located on the right-hand side. Buoys will be lighted, if practicable.

(2) Where powerhouses or other substantial structures projecting considerably above the level of the lock wall are located on the river (guard) wall, a single red light located on top of one of these structures may be used instead of riverwall buoys prescribed above until these structures are awash, after which they will be marked by a buoy of appropriate type and color (red nun or black can buoy) until covered by a depth of water equal to the project depth. Buoys will be lighted, if practicable.

(y) Vessels to Carry Regulations. A copy of these regulations shall be kept at all times on board each vessel regularly engaged in navigating the rivers to which these regulations apply. Copies may be obtained from any lock office or District Engineer's office on request. Masters of such vessels are encouraged to have on board copies of the current

River Locks 2 through 11 inclusive have been transferred to the State of Ohio and are operat during the recreational boating season by the Ohio Department of National Resources. Inqui regarding Muskingum River channel conditions and lock availability should be directed to th aforementioned Department.

2. Little Kanawha River Lock and Dam 1 has been removed, thus permitting recreational craft to navigate up to Lock 2 near Slate, W. Va. Operation of Locks 2 thru 5 o the Little Kanawha River has been discontinued.

3. Big Sandy River: Lock 1 has been removed, thus permitting recreational cra navigate to Lock 2, near Buchanan, Ky. Operation of Lock 2 and Lock 3 near Fort Gay, W. has been discontinued. Operation of Lock and Dam 1 on Levisa Fork near Gallup. Ky. and Lock and Dam 1 on Tug Fork near Chapman, Ky. has been discontinued.

4. Operation of the following Green River Locks has been discontinued: Lock 4 near Woodbury, Ky., Lock 5 near Glenmore, Ky., and Lock 6 near Brownsville, Ky.

5. Operation of Barren River Lock and Dam No. 1 near Richardsville, Ky. has b discontinued.

6. Operation of Rough River Lock and Dam No. 1 near Hartford. Ky. has been discontinued.

7. Operation of Osage River Lock and Dam 1 near Osage City. Mo., has been discontinued.

8. Operation of the 34 locks in the Illinois and Mississippi (Hennepin) Canal, including the feeder section. has been discontinued.

9.Operation of the Illinois and Michigan Canal has been discontinued.
(40 FR 32121, July 31, 1975, as amended at 50 FR 37580, Sept. 18, 1985)

NAVIGATION CHARTS OF THE ILLINOIS WATERWA
prepared under the direction of the
U.S. ARMY ENGINEER DISTRICT, ROCK ISLAND
may be procured from

U.S. Army Engineer District, Rock Island
Clock Tower Building
Post Office Box 2004
Rock Island, Illinois 61204-2004
(309) 794-5327

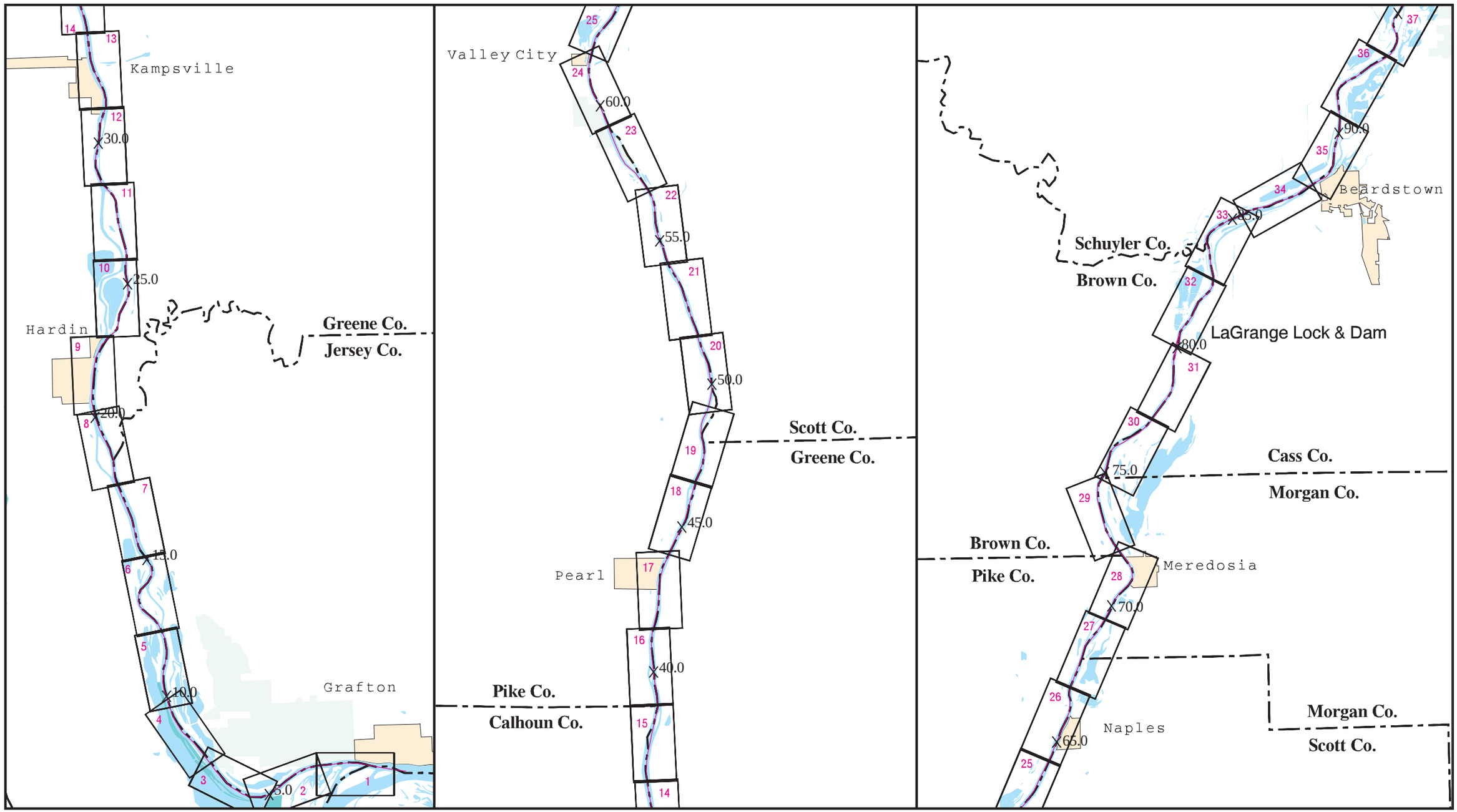
U.S. Army Engineer District, Rock Island
Illinois Waterway Project Office
Foot of Grant Street
Peoria, Illinois 61603
(309) 676-4601
(815) 667-4054

areas particularly the River islands. On the basis of long experience, therefore, it is suggested that the only practical method of waste disposal is for each visitor to transport such wastes to established mainland points where adequate disposal facilities are provided. Burying wastes or sinking them in the river are not considered satisfactory methods of disposal.

PERMITS: CORPS OF ENGINEERS REGULATORY PROGRAM

The Corps of Engineers is charged by Congress with the regulation of many activities involving the Illinois Waterway, its tributaries, and wetlands. Anyone wishing to undertake a project in, under, over, or adjacent to a water of the United States (including wetlands) should inquire to the appropriate Corps of Engineers District regarding permit needs. In addition to the Corps of Engineers, other Federal, state, county, or local agencies may also have permit requirements.

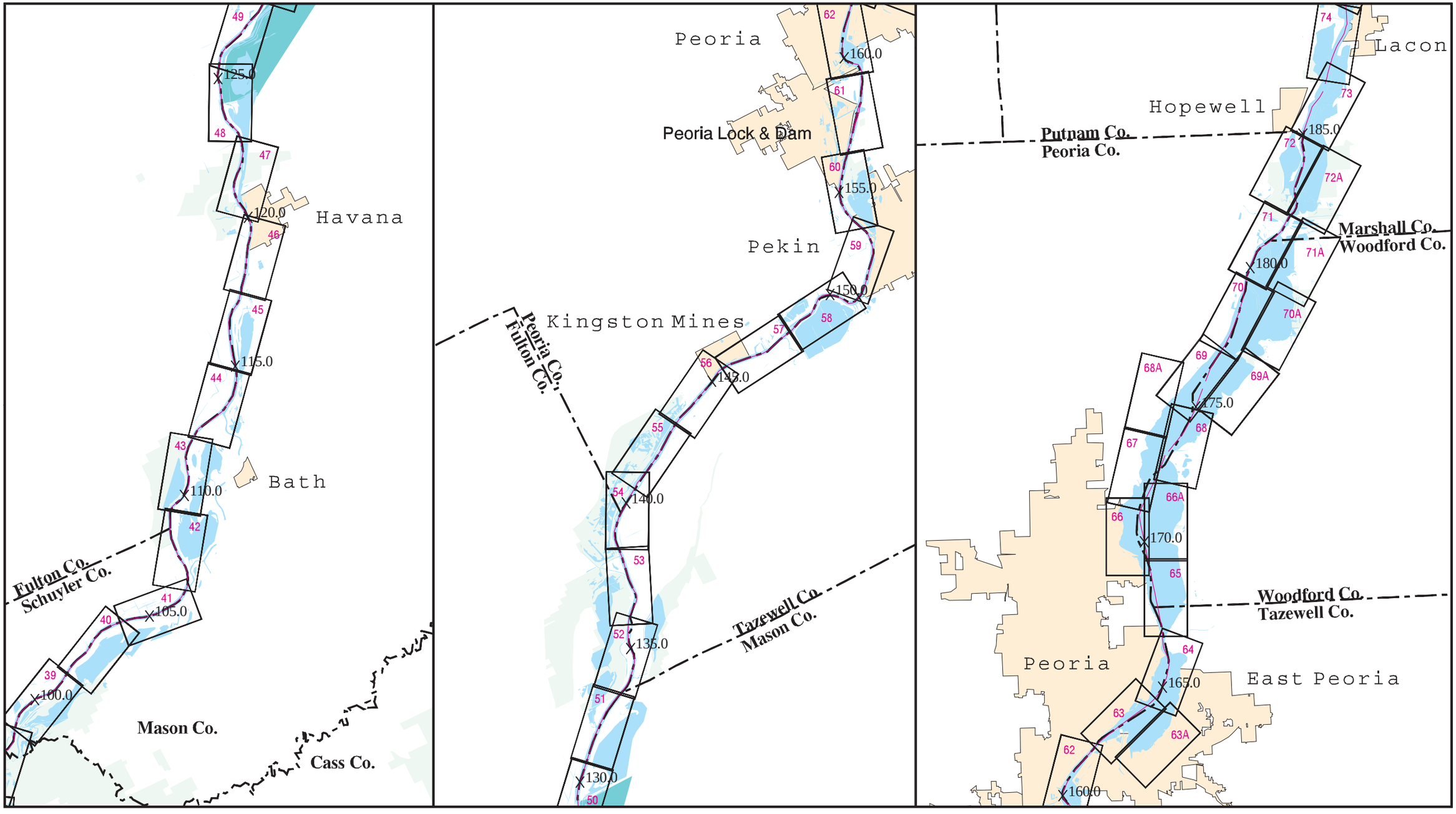
US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 0.0 TO 95.0



1998

INDEX MAP NO. 1

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 95.0 TO 190.0



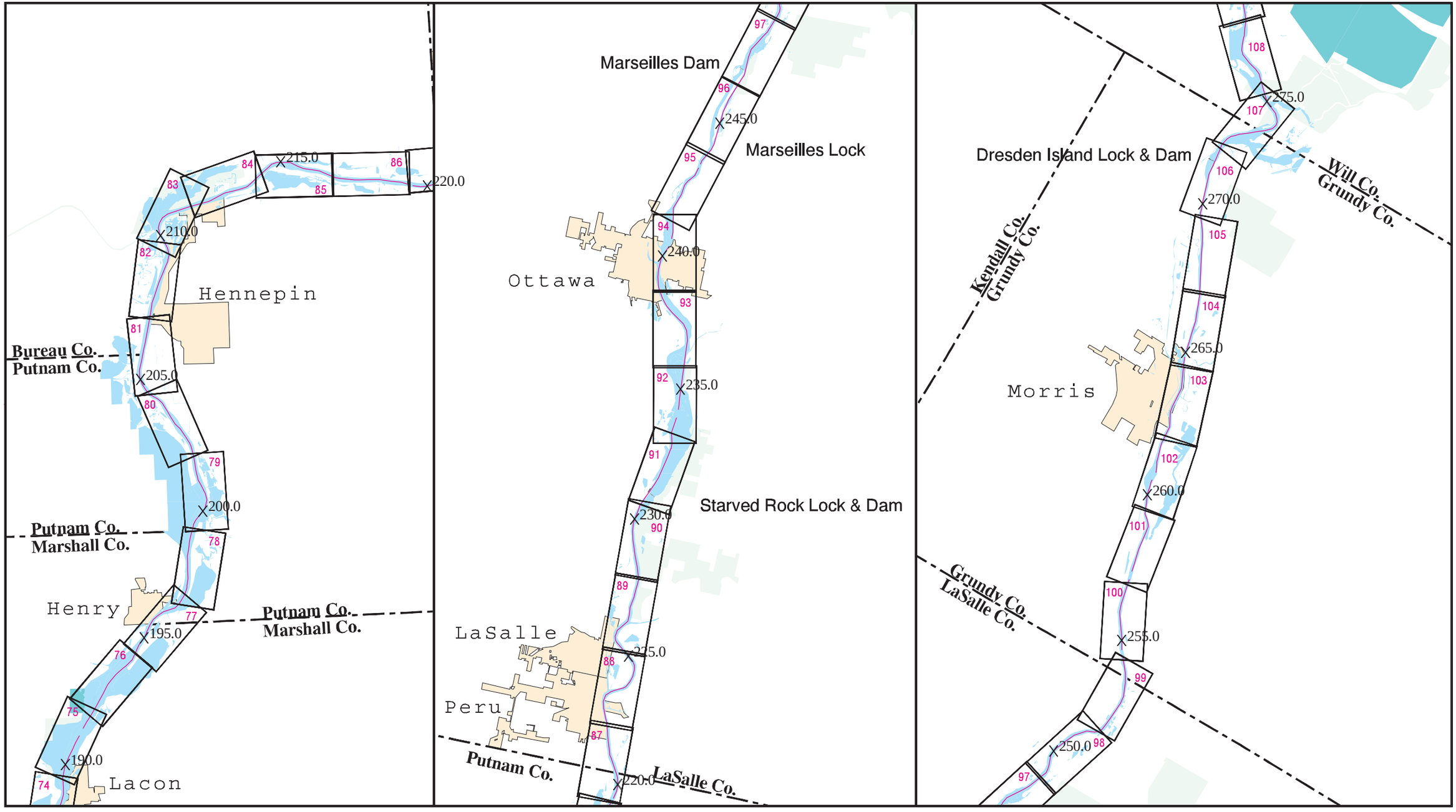
Scale 1:225000 Scale 1" = 18750 Feet

0 4 8 Mi.

N W E S

INDEX MAP NO. 2

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 190.0 TO 277.0



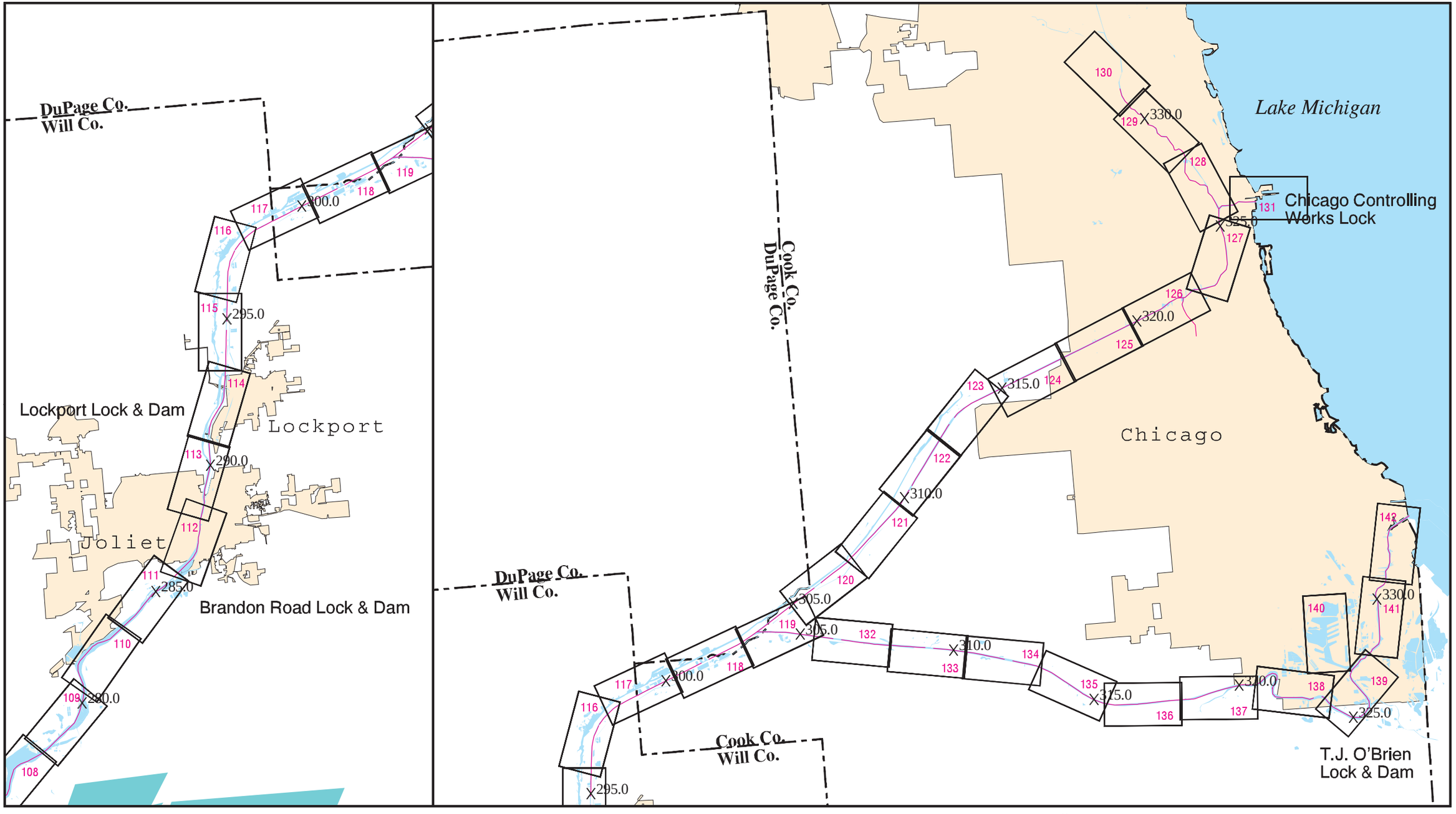
Scale 1:225000 Scale 1" = 18750 Feet

0 4 8 Mi.

1998

INDEX MAP NO. 3

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 277.0 TO 333.0



Scale 1:225000 Scale 1" = 18750 Feet

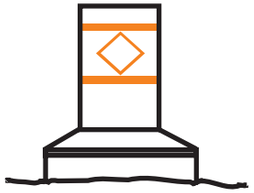
0 4 8 Mi.

N W E S

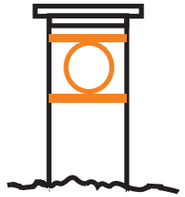
INDEX MAP NO. 4

AIDS TO NAVIGATION
AS SEEN TRAVELING UPSTREAM

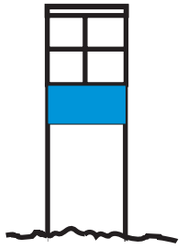
RESTRICTED AREA



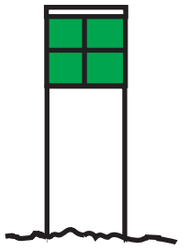
HAZARD WARNING



CONTROLLED AREA



ANCHORAGE



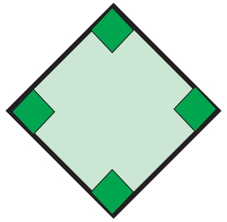
DREDGING

REGULATORY BUOY

STANDARD INLAND
WATERWAY SYMBOLS
AND MESSAGES
ALL WATERS

111

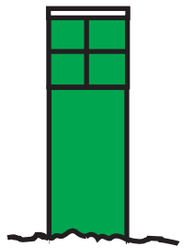
MILE BOARD



CURRENT CROSSING
DAYMARK

NEW CROSSING
DAYMARK

PASSING DAYMARK



CAN
BLACK OR GREEN

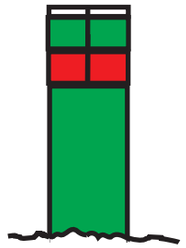
LIGHTED BUOY

SINGLE FLASH

(PORT)

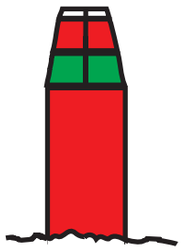
LEFT SIDE

WHITE OR GREEN LIGHTS



CAN

PREFERRED CHANNEL
TO THE RIGHT
TOP MOST BAND BLACK
WHITE OR GREEN LIGHT



NUN

PREFERRED CHANNEL
TO THE LEFT
TOP MOST BAND RED
WHITE OR RED LIGHT

JUNCTION

MARKS JUNCTIONS AND
OBSTRUCTIONS PASS ON
EITHER SIDE, WHITE, RED
OR GREEN LIGHTS

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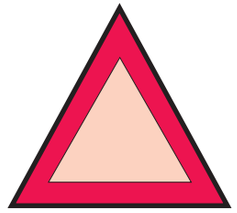
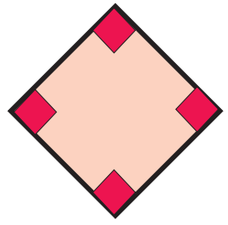
MILE BOARD

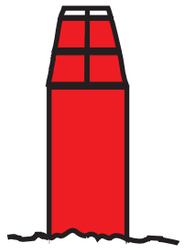


PASSING DAYMARK



CURRENT CROSSING
DAYMARK

NEW CROSSING
DAYMARK



NUN

LIGHTED BUOY

GROUP FLASHING (2)

(STARBOARD)

RIGHT SIDE

WHITE OR RED LIGHT

Illinois Waterway Navigation Charts

Legend

Navigation Aids

- Daymark Left Bank
- Daymark Right Bank
- Right Navigation Buoy
- Left Navigation Buoy
- Light
- Light & Daymark
- Wreck Bouys
- River Miles from Grafton, IL
- Sailing Line & Current

Roads & Railroads

- Interstate Highway (74)
- U.S. Highway (67)
- State Highway (100)
- Secondary Roads
- Railroads

Drainage

- Rivers
- Streams

Recreation Facilities

- Boat Club
- Boat Launch
- Marina
- Gaming Boat
- Corps of Engineers Facility

Levees

- Levee
- Levee with Railroad
- Levee with Road

Other Features

- Wing Dams
- Aerial Crossings
- Submerged Crossings
- Bridge Piers
- Stream Gage
- Mooring Cell/Dolphin
- Aerial Crossing Profile Identifier (A)
- Bridge Crossing Profile Identifier (1)
- Federal Lands
- State Lands

Boundary

- County Boundary
- County

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 0.0 TO 2.2

MISSOURI
St. Charles County
Mississippi River
220.0
219.0
N38 57'30"
Mason Island
Calhoun County
Island #526
218.0
0.0
Island 526 Light & Daymark 0.7
Island #525
MATCH LINE
N38 58'00"
1.0
Illinois River
2.0
Grafton Access Area
1st Street
100
Evans St.
8" water intake
Kiplings Daymark 2.1
Market St.
Grafton
ILLINOIS
Jersey County
Pere Marquette State Park
W90 26'00"
W90 26'30"
W90 27'00"
W90 27'30"
W90 28'00"

1998

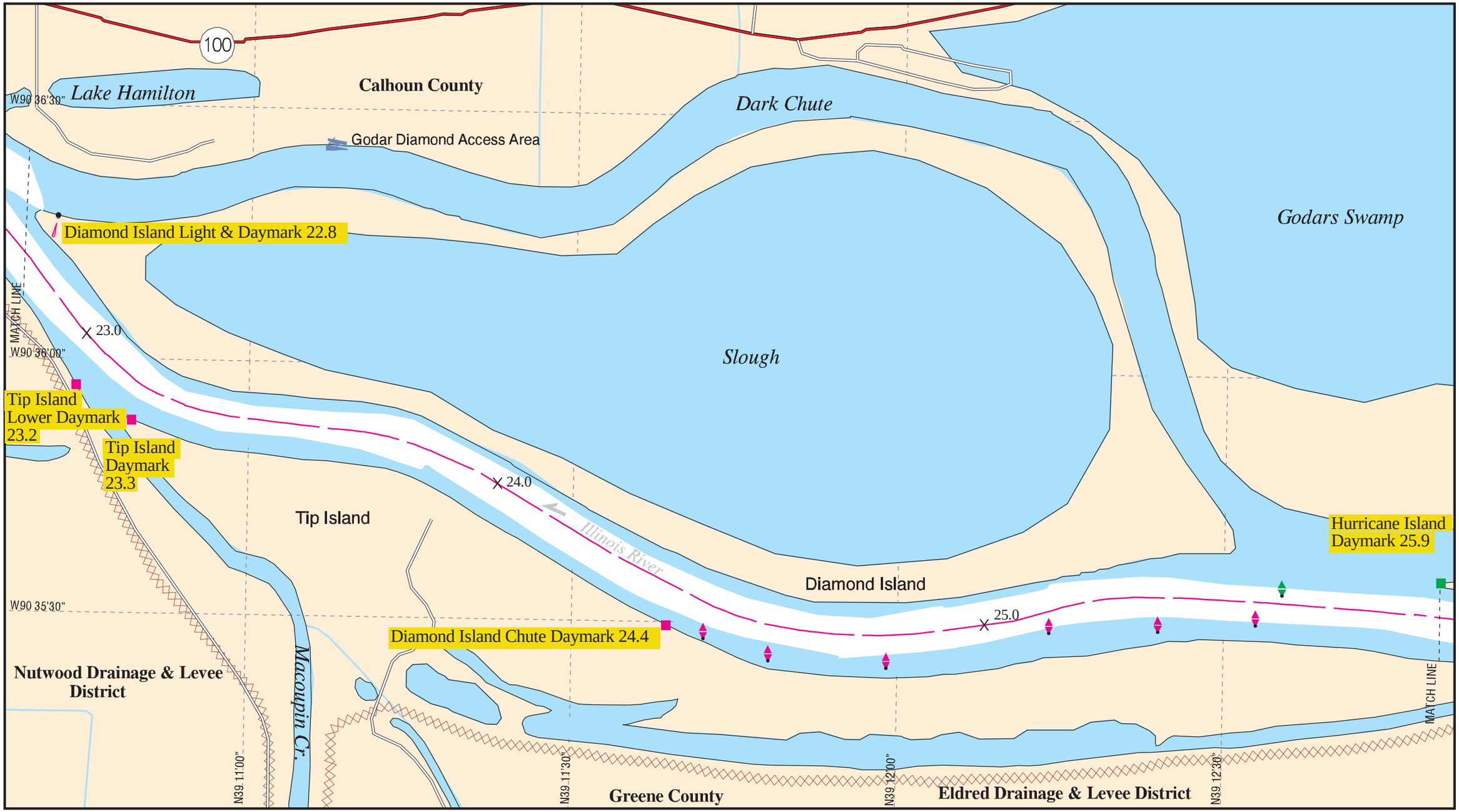
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

S E M N

MAP NO. 1

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 22.9 TO 25.9



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

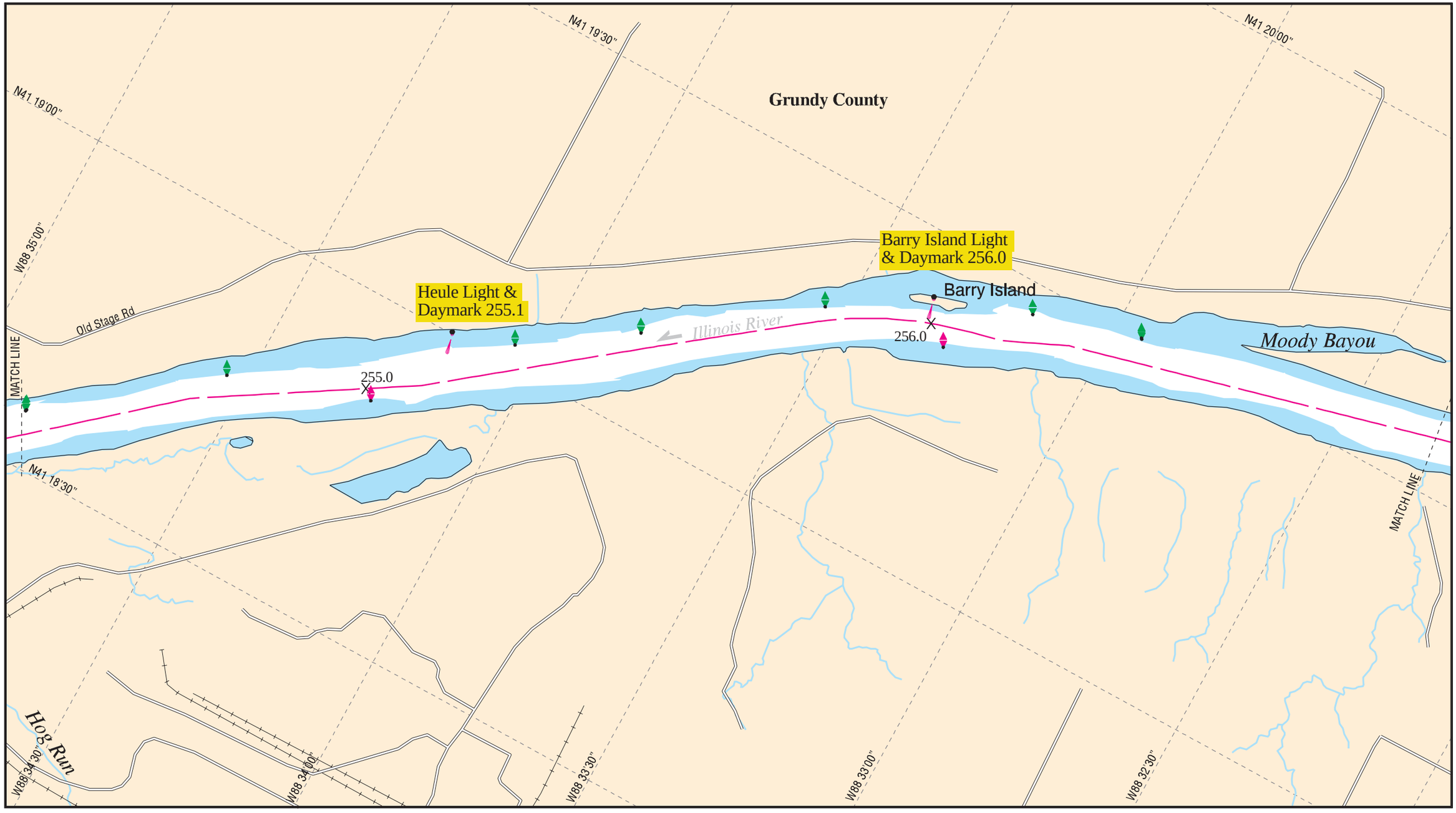
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W S N E

MAP NO. 10

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 254.4 TO 256.9



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

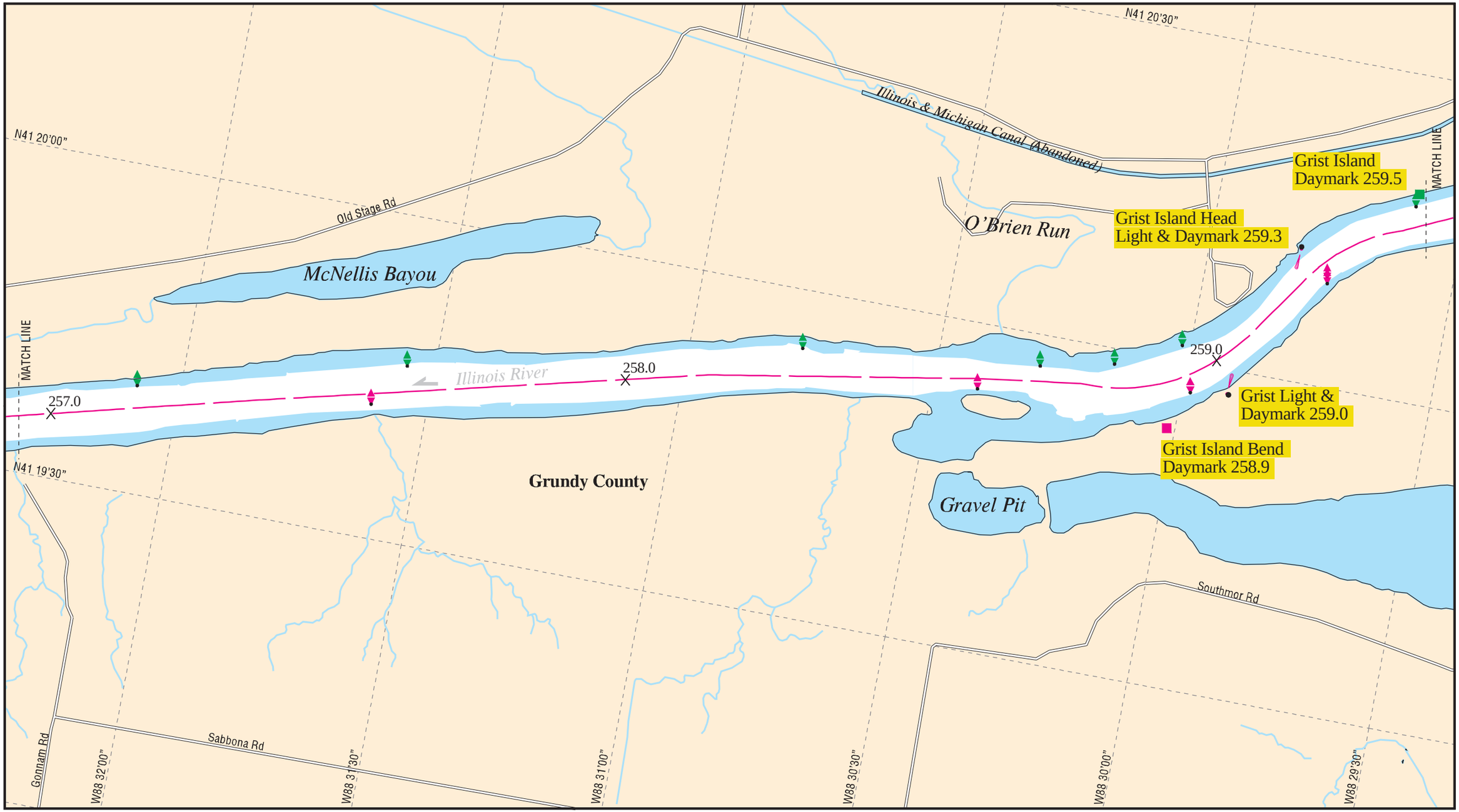
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 100

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 256.9 TO 259.5



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

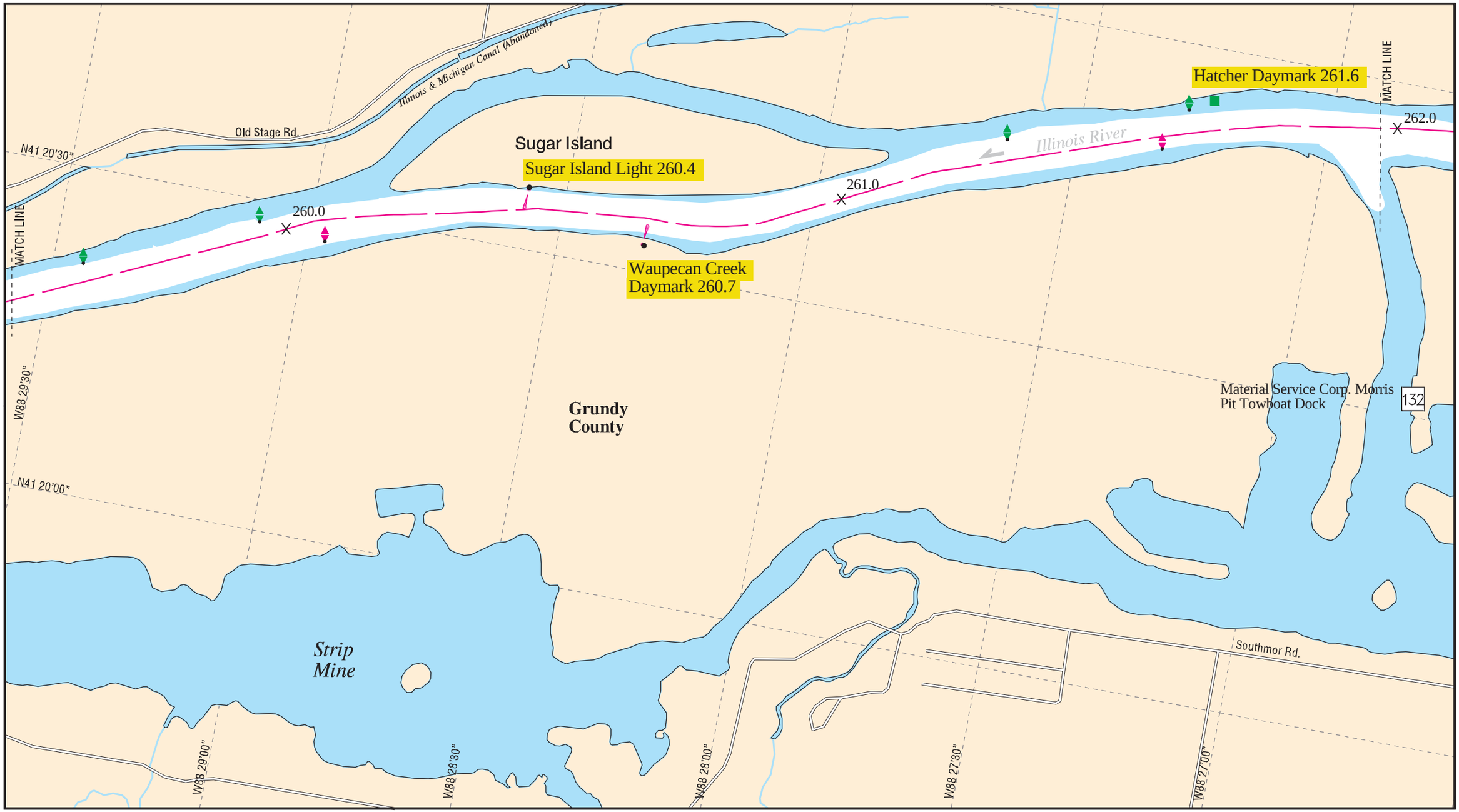
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 101

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 259.5 TO 262.0



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 102

ADM Growmark Light 263.0

ADM/Growmark River System Morris Grain Elev. West Dock

ADM/Growmark River System Morris Grain Elev. E. Dock

Cargill Morris Grain Elev. Dock

Continental Grain Co. Morris Grain Elevator Dock

Continental Grain Lights (2) 263.2

Morris

North St.

Main St.

East St.

Washington St.

Illinois Ave.

Illinois & Michigan Canal (Abandoned)

MATCH LINE

N41 21'30"

N41 21'00"

262.0

263.0

264.0

Nettle Creek Light & Daymark 262.8

Nettle Lower Daymark 262.3

Nettle Bend Light & Daymark 262.6

134 136 137 138 139

Morris Boat Club

Valley Run Stone Co. Morris Dock

Morris Marine Service

Wm. G. Stratton State Park Boat Launch

Papermill Light & Daymark 264.4

Illinois River

Kinny Island Light & Daymark 263.7

Kinny Island Daymark 264.0

Grundy County

Material Service Corp. Morris Pit Towboat Dock

132

N41 20'30"

Material Service Corp. Yard 34 Dock

133

135

Material Service Corp. Morris Pit Repair Dock

Gravel Pit

47

Mazon River

Dwight Road

Pine Bluff Rd

Southmor Rd.

W88 26'30"

W88 26'00"

W88 25'30"

W88 25'00"

W88 24'30"

W88 24'00"

1

Channel Span

Morris Highway Bridge
Horizontal Clearance: 350.0 ft.
Vertical Clearance Above Pool Stage 50.4 ft.
Low Steel Elevation: 533.7 ft. msl

1998

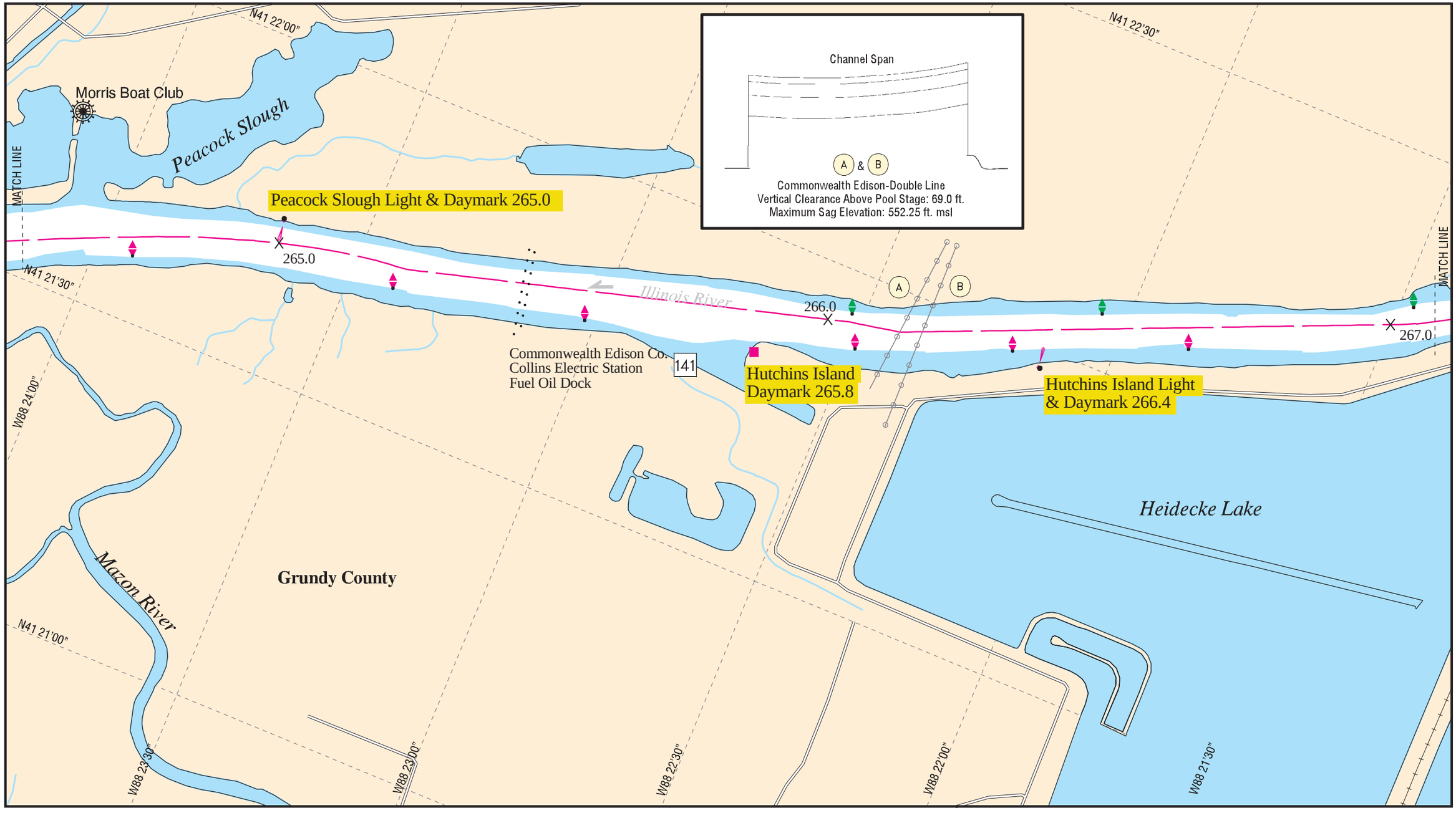
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 103



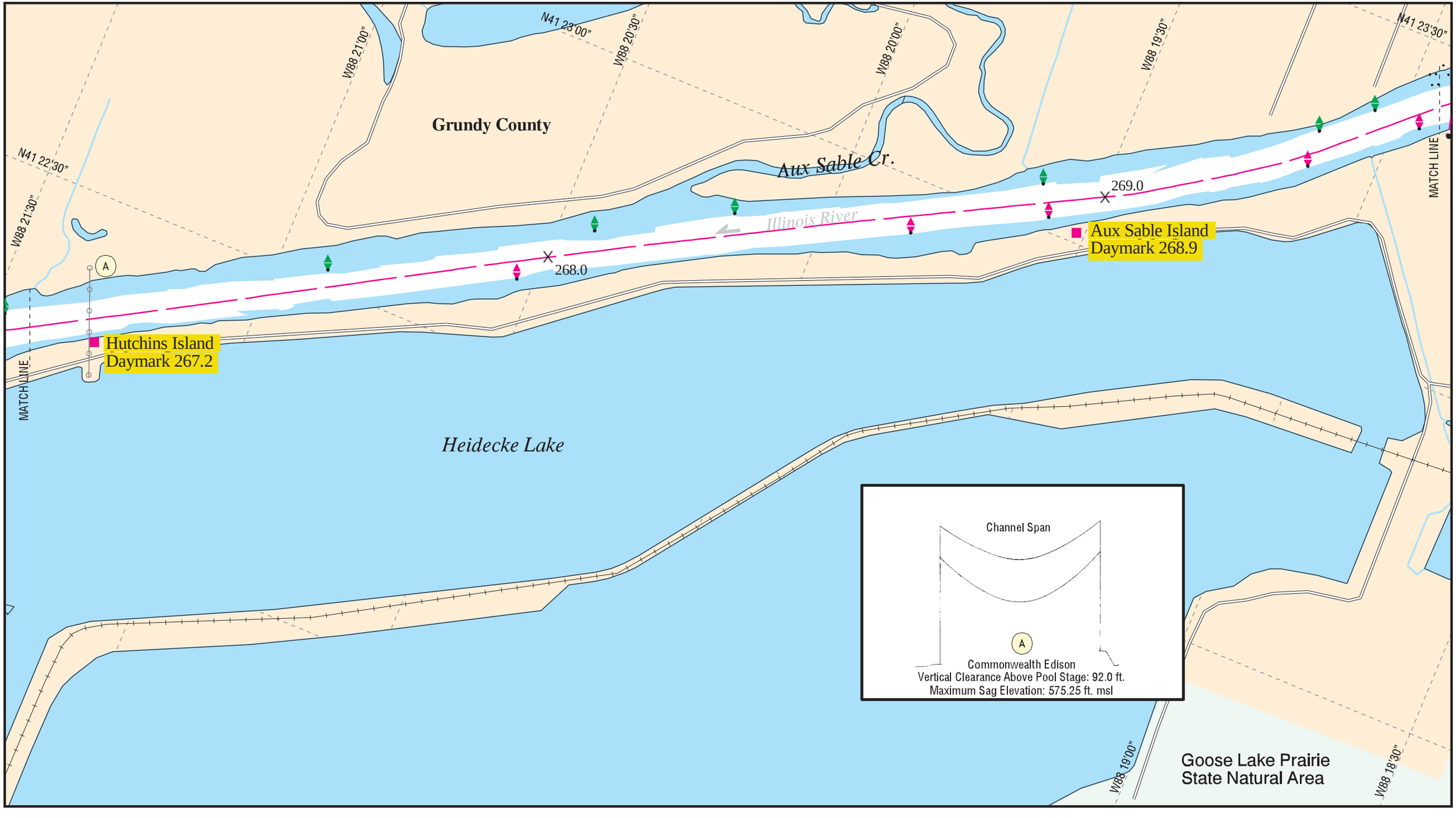
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

N W E S

MAP NO. 104



1998

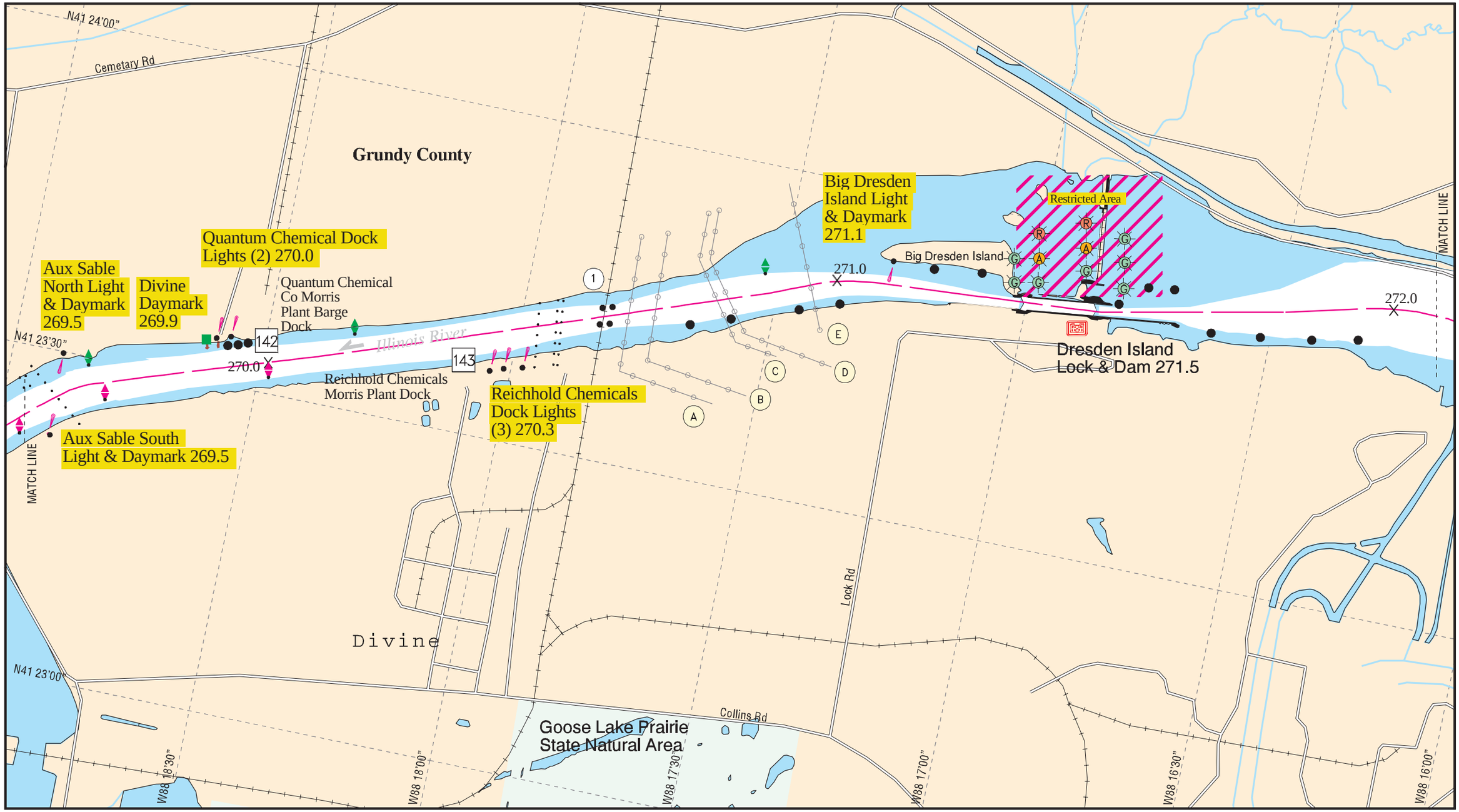
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 105



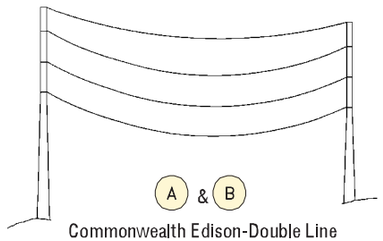
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

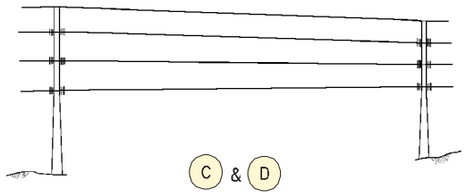
N W E S

MAP NO. 106



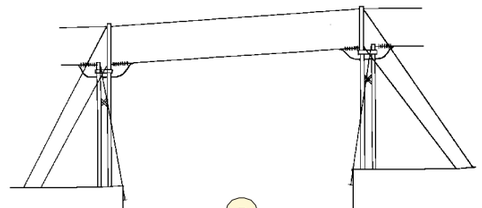
A & B

Commonwealth Edison-Double Line
Vertical Clearance Above Pool Stage: 80.48 ft.
Maximum Sag Elevation: 563.73 ft. msl



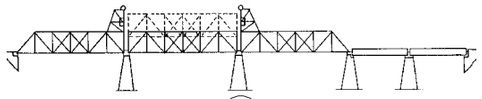
C & D

Commonwealth Edison-Double Line
Vertical Clearance Above Pool Stage: 78.89 ft.
Maximum Sag Elevation: 562.14 ft. msl



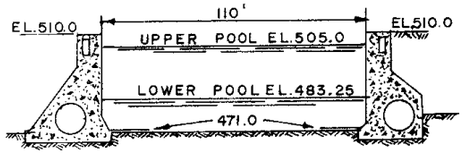
E

Commonwealth Edison
Vertical Clearance Above Pool Stage: 76.45 ft.
Maximum Sag Elevation: 559.7 ft. msl



1

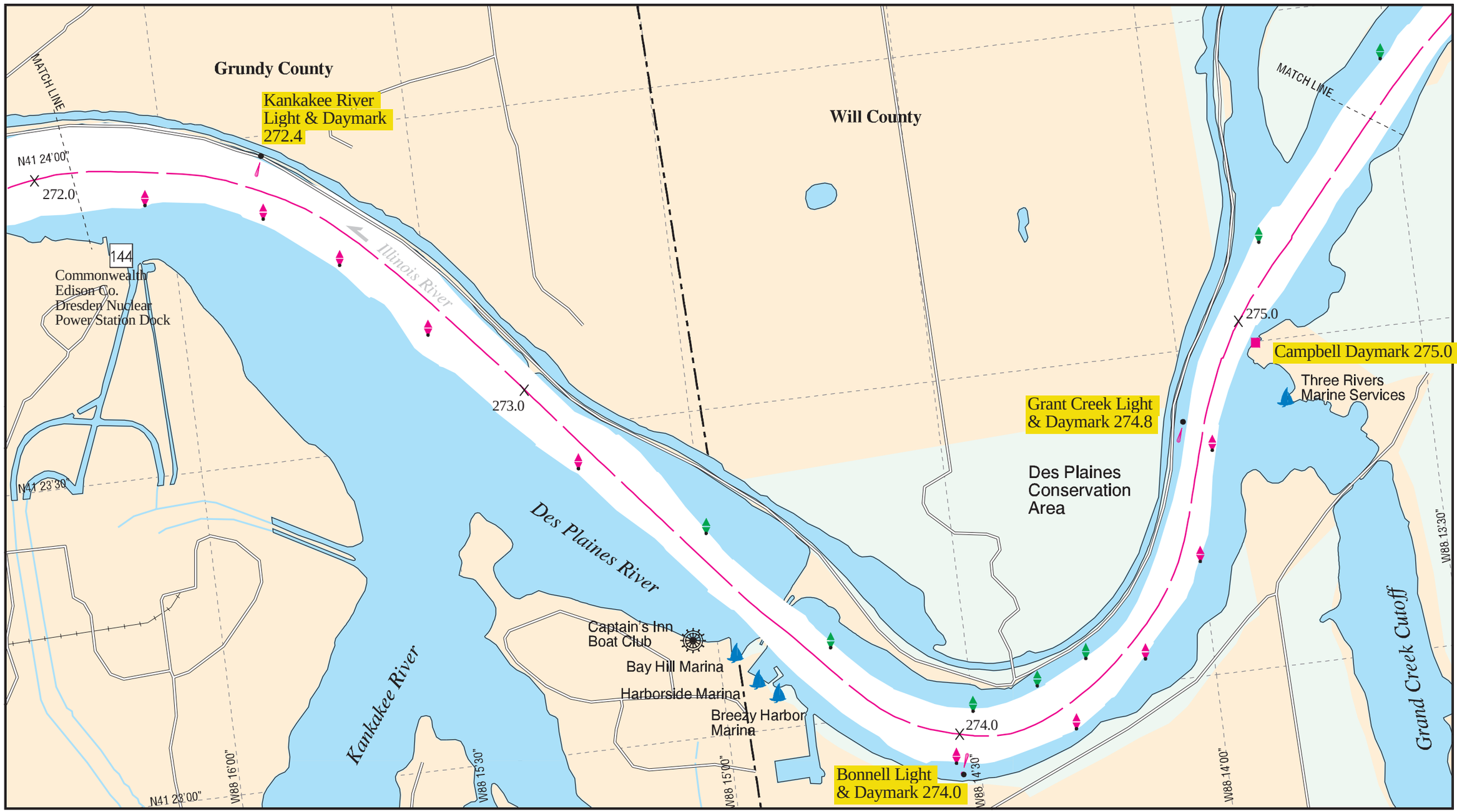
Elgin Joliet & Eastern Railroad Drawbridge
Horizontal Clearance: 120.5 ft.
Vertical Clearance Above Pool Stage: 56.3 ft. (open)
Vertical Clearance Above Pool Stage: 26.3 ft. (closed)
Low Steel Elevation: 509.55 ft. msl



Dresden Island Lock
Elevation Looking Upstream

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 272.0 TO 275.5



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

N E S W

MAP NO. 107

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 275.5 TO 277.8

No Profile Available

A

Commonwealth Edison
Vertical Clearance Above Pool Stage: 76.0 ft.
Maximum Sag Elevation: 581.0 ft. msl

Will County

Front St.

Dupage River

Moose Island

W88 14'00"

DuPage River Light & Daymark 276.8

N41 25'30"

277.0

Des Plaines River

Van Den Bergh Dock Lights (2) 276.4

148

149

Exxon Co. U.S.A Midwest Plant Dock

Van Den Bergh Foods Co. Joliet Plant Dock

Spivey Ind. Marine & Harbor Service Co. Channahon Terminal

150

MATCH LINE

MATCH LINE

Exxon Co. Lights (2) 277.5

276.0

Patsy Slough Daymark 276.1

DuPage River Daymark 277.6

BASF Dock Lights (2) 277.7

145

146

147

151

Dow Chemical Co. Joliet Plant West Dock

Dow Chemical Light 275.8

Dow Chemical Co. Joliet Plant East Dock

Dow Chemical Co. Joliet Plant Styrene Dock

BASF Corp. Joliet Polystyrene Plant Dock

1

W88 13'30"

Channel Span

1

Smiths Highway I-55 Bridge
Horizontal Clearance: 420.6 ft
Vertical Clearance Above Pool Stage: 47.2 ft.
Low Steel Elevation: 522.2 ft. msl

N41 24'00"

W88 12'30"

W88 12'00"

N41 24'30"

55

W88 11'30"

N41 25'00"

N41 23'30"

W88 13'00"

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

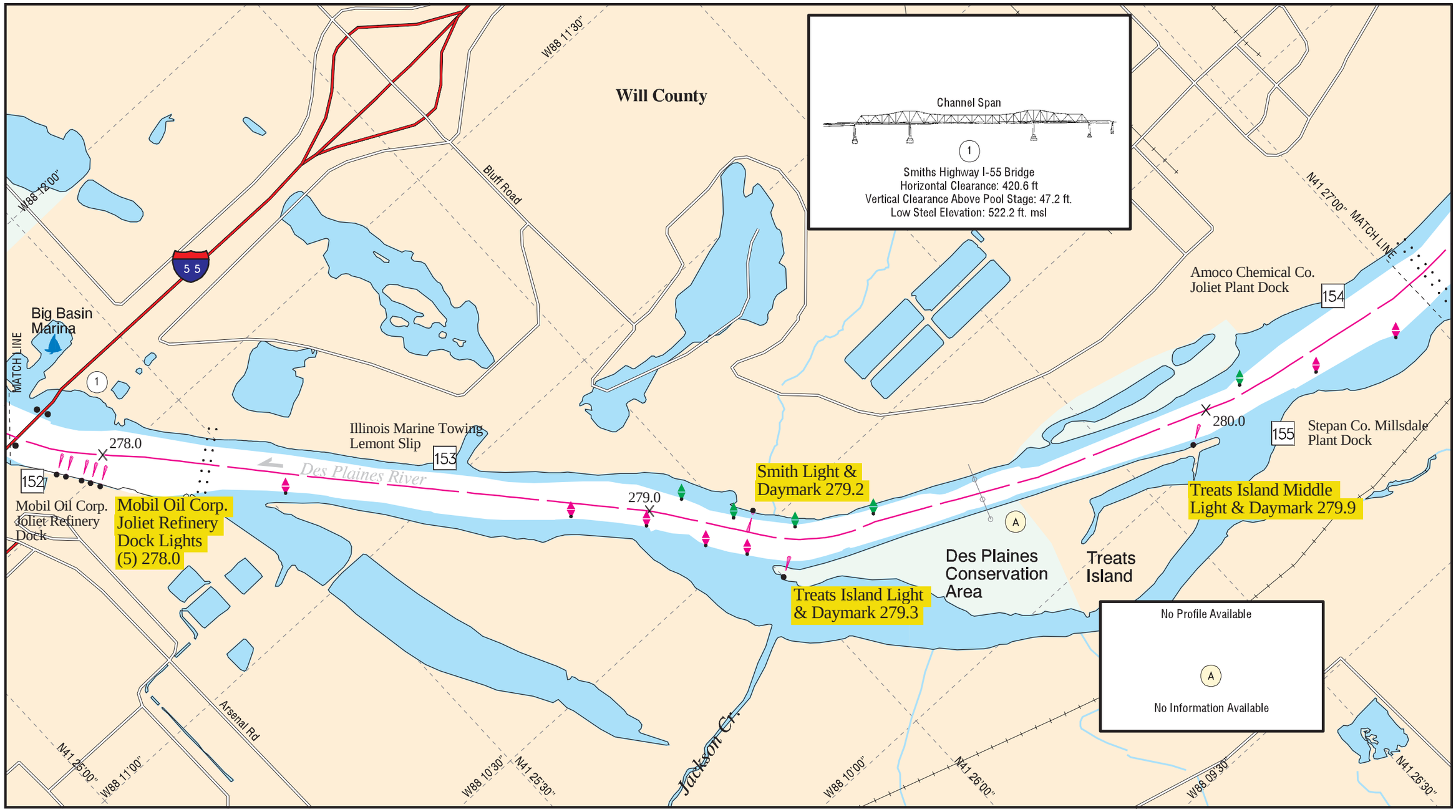
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W N S E

MAP NO. 108

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 277.8 TO 280.4



1998

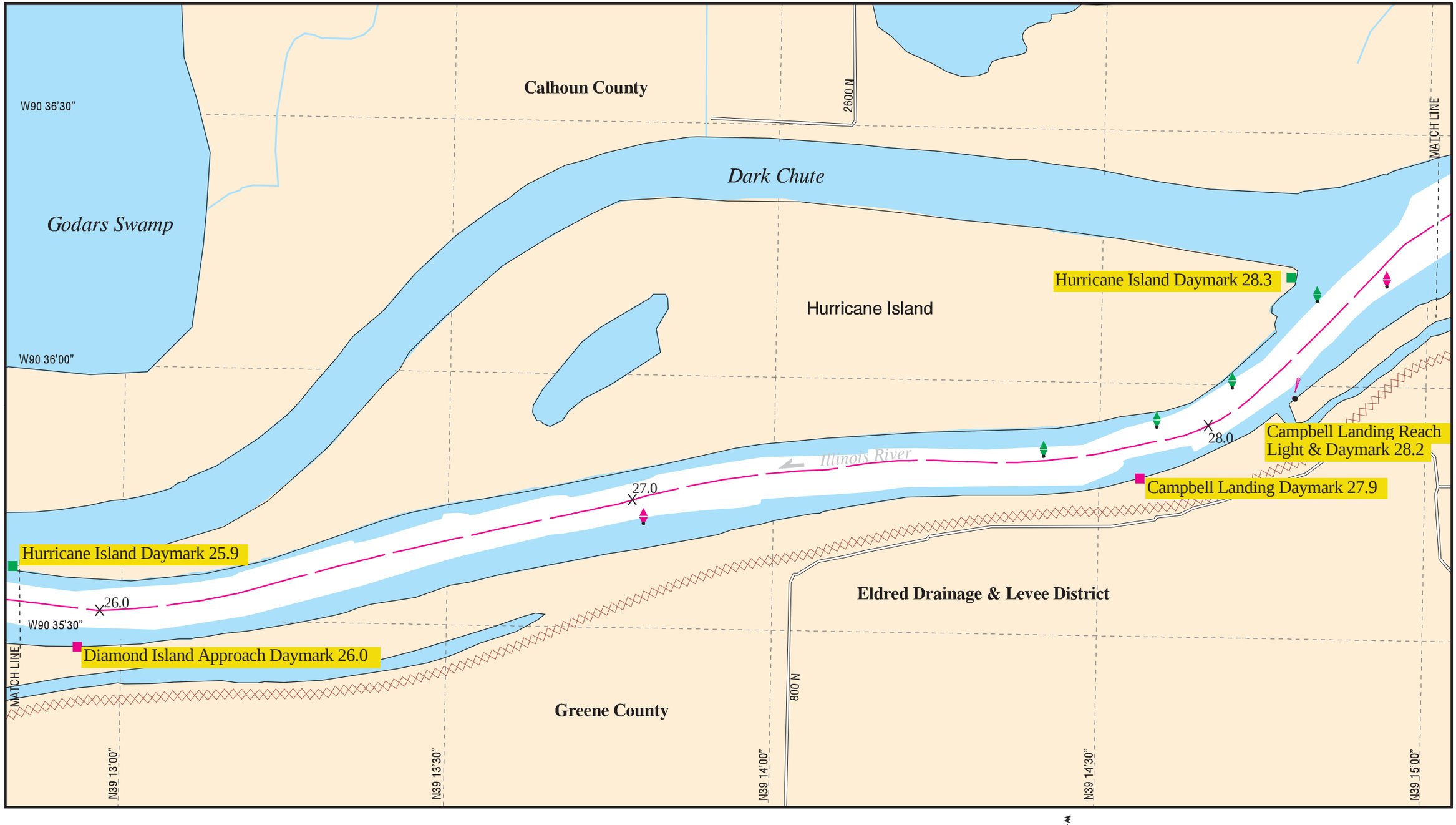
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 109

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 25.9 TO 28.5



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

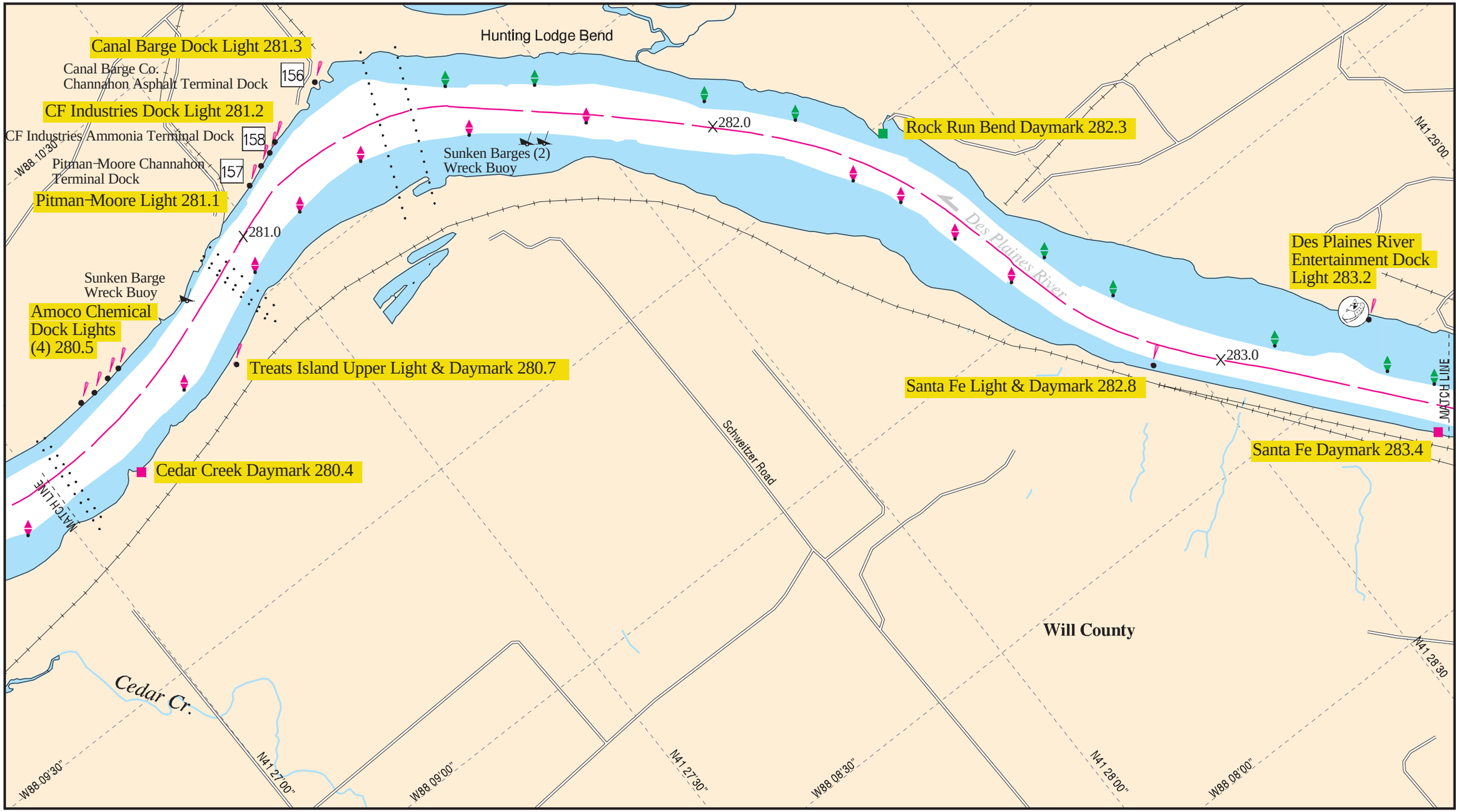
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W S N E

MAP NO. 11

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 280.4 TO 283.4



1998

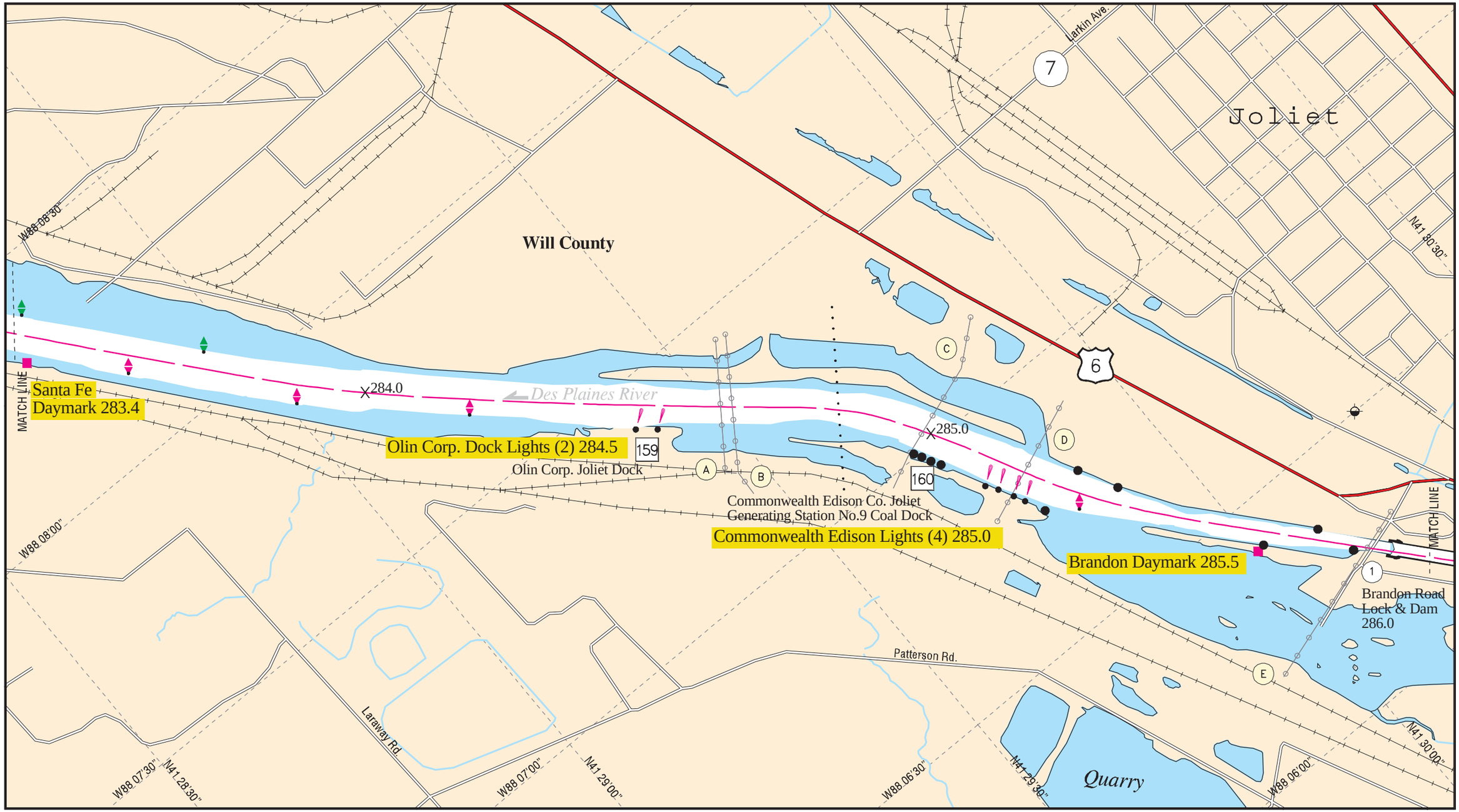
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 110

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 283.4 TO 285.9



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 111

No Profile Available

(A) & (B)

Commonwealth Edison-Double Line
Vertical Clearance Above Pool Stage: 94.7 ft.
Maximum Sag Elevation: 599.7 ft. msl

No Profile Available

(C)

Commonwealth Edison
Vertical Clearance Above Pool Stage: 87.6 ft.
Maximum Sag Elevation: 592.6 ft. msl

No Profile Available

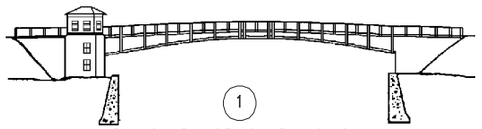
(D)

Commonwealth Edison
Vertical Clearance Above Pool Stage: 67.0 ft.
Maximum Sag Elevation: 571.4 ft. msl

No Profile Available

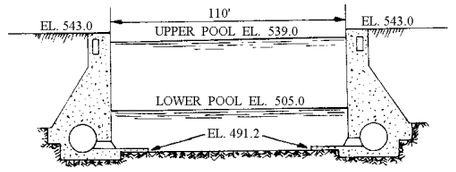
(E)

Brandon Road Bridge Aerial Cable
Vertical Clearance Above Pool Stage: 66.4 ft.
Maximum Sag Elevation: 571.4 ft. msl



(1)

Brandon Road Bridge-Drawbridge
Horizontal Clearance: 110.0 ft.
Vertical Clearance Above Pool Stage: 15.4 ft. (closed)
Vertical Clearance Above Pool Stage: 66.4 ft. (open)
Low Steel Elevation: 561.2 ft. msl



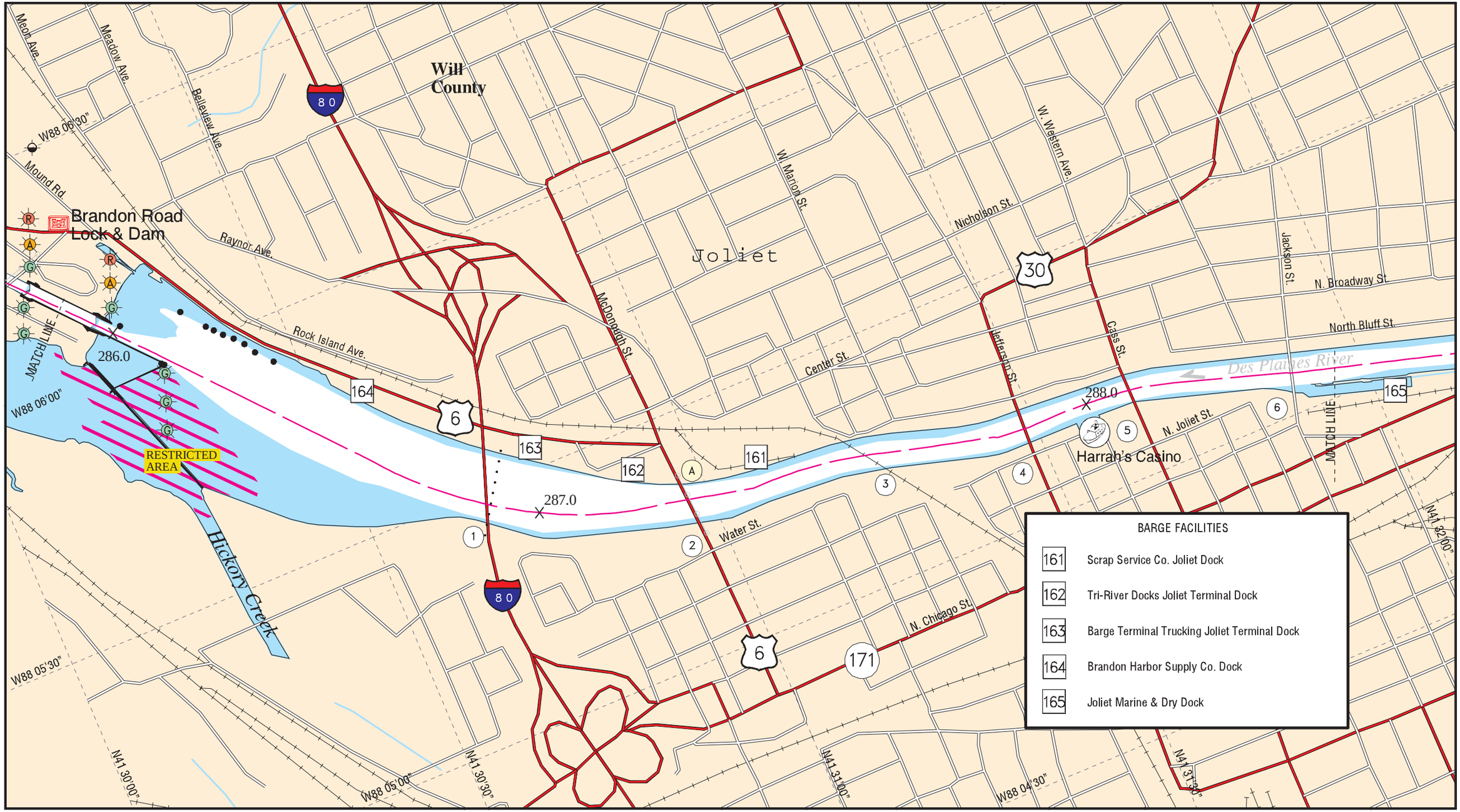
Brandon Road Lock
Elevation Looking Downstream

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO 111

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 285.9 TO 288.4

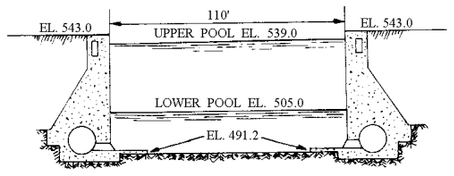


1998

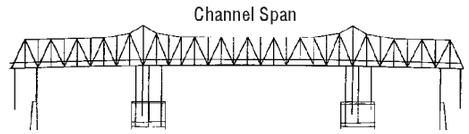
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 112

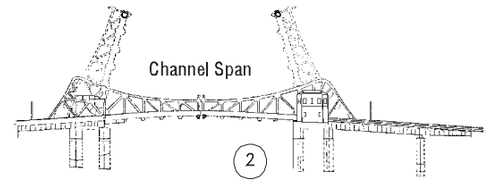


Brandon Road Lock
Elevation Looking Downstream



1

I-80 Highway Bridge
Horizontal Clearance: 300 ft.
Vertical Clearance Above Pool Stage: 46.9 ft.
Low Steel Elevation: 585.9 ft. msl



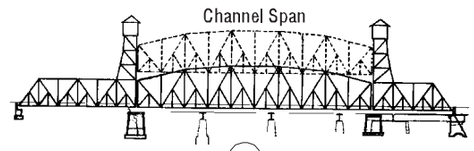
2

McDonough Street Bridge - Drawbridge
Horizontal Clearance: 150.0 ft.
Vertical Clearance Above Pool Stage: 47.0 ft. (open)
Vertical Clearance Above Pool Stage: 16.5 ft. (closed)
Low Steel Elevation: 555.5 ft. msl (closed)
Notice: Bridge will not open for navigation
7:30-8:00am & 4:30-5:00pm

No Profile Available

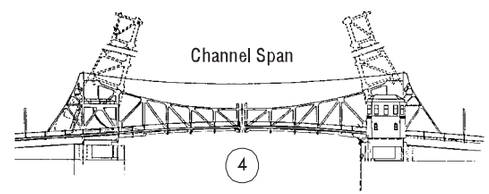
A

McDonough Street Bridge Aerial Cable
Vertical Clearance Above Pool Stage: 52.5 ft.
Maximum Sag Elevation: 591.5 ft. msl



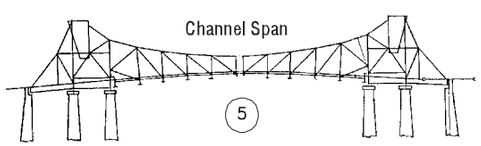
3

Chessie System Transportation Railroad Bridge - Drawbridge
Horizontal Clearance: 150.0 ft.
Vertical Clearance Above Pool Stage: 51.0 ft. (open)
Vertical Clearance Above Pool Stage: 9.5 ft. (closed)
Low Steel Elevation: 548.5 ft. msl (closed)
Low Steel Elevation: 590.0 ft. msl (open)



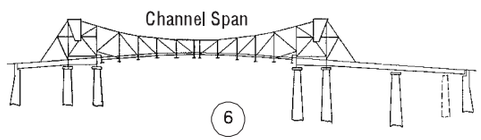
4

Jefferson Street Bridge - Drawbridge
Horizontal Clearance: 150.0 ft.
Vertical Clearance Above Pool Stage: 47.0 ft. (open)
Vertical Clearance Above Pool Stage: 16.6 ft. (closed)
Low Steel Elevation: 555.6 ft. msl (closed)
Low Steel Elevation: 586.0 ft. msl (open)



5

Cass Street Bridge - Drawbridge
Horizontal Clearance: 150.0 ft.
Vertical Clearance Above Pool Stage: 47.0 ft. (open)
Vertical Clearance Above Pool Stage: 16.6 ft. (closed)
Low Steel Elevation: 555.6 ft. msl (closed)
Low Steel Elevation: 586.0 ft. msl (open)



6

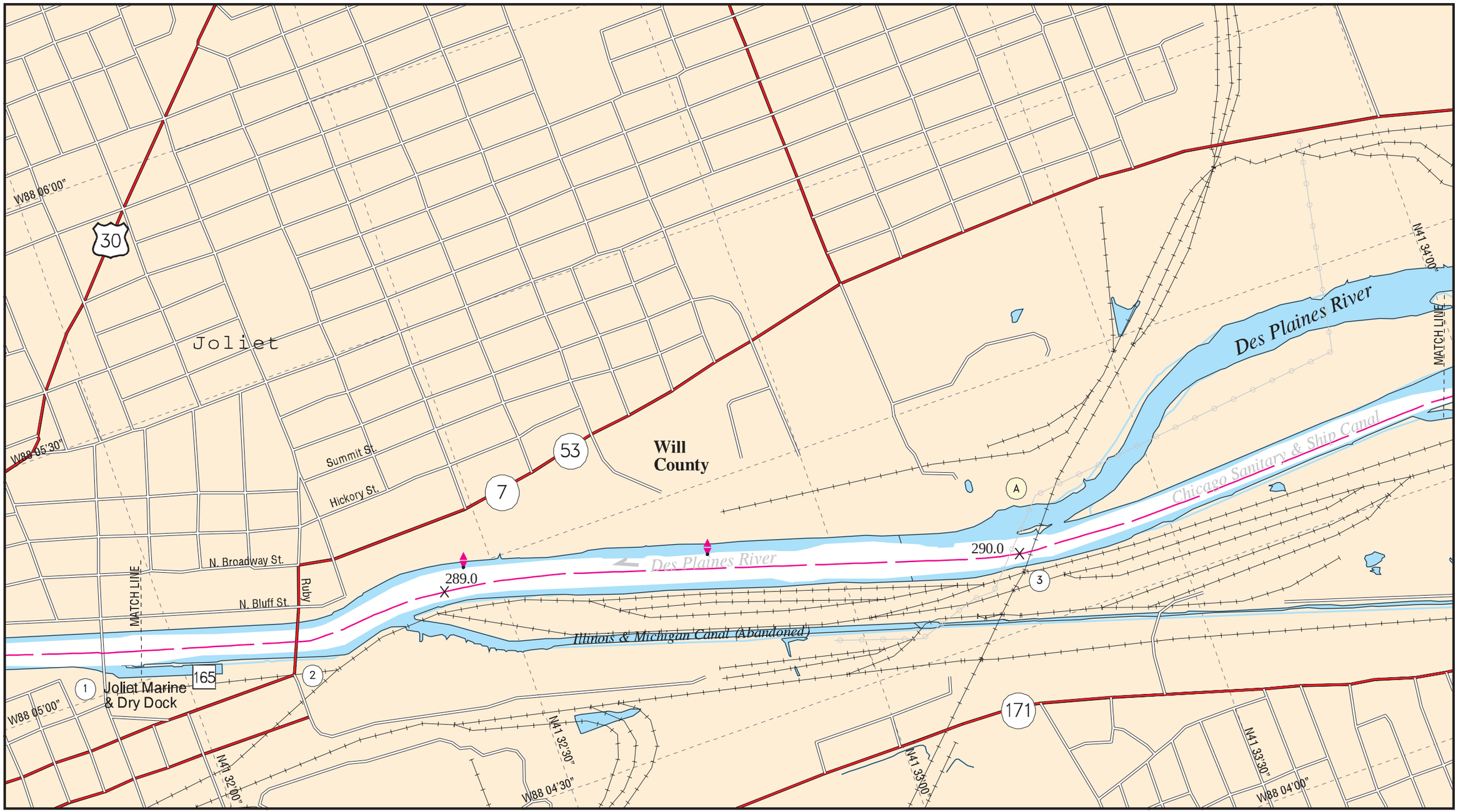
Jackson Street Bridge - Drawbridge
Horizontal Clearance: 150.0 ft.
Vertical Clearance Above Pool Stage: 47.0 ft. (open)
Vertical Clearance Above Pool Stage: 16.6 ft. (closed)
Low Steel Elevation: 555.6 ft. msl (closed)
Low Steel Elevation: 586.0 ft. msl (open)

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 112

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 288.4 TO 290.8



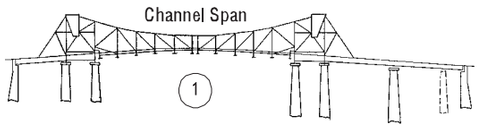
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

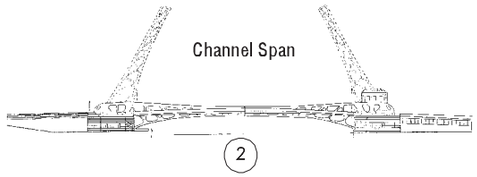
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 113



Jackson Street Bridge - Drawbridge
Horizontal Clearance: 150.0 ft.
Vertical Clearance Above Pool Stage: 47.0 ft. (open)
Vertical Clearance Above Pool Stage: 16.5 ft. (closed)
Low Steel Elevation: 555.6 ft. msl (closed)
Low Steel Elevation: 586.0 ft. msl (open)

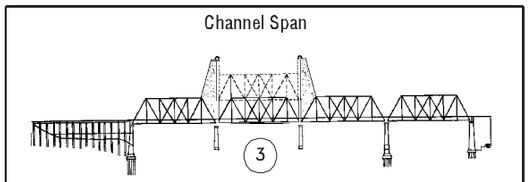


Ruby Street Bridge - Drawbridge
Horizontal Clearance: 200.0 ft.
Vertical Clearance Above Pool Stage: 47.0 ft. (open)
Vertical Clearance Above Pool Stage: 16.6 ft. (closed)
Low Steel Elevation: 555.6 ft. msl (closed)
Low Steel Elevation: 586.0 ft. msl (open)

No Profile Available

A

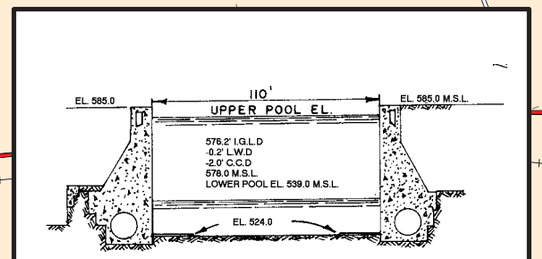
Commonwealth Edison
Vertical Clearance Above Pool Stage: 75.38 ft.
Maximum Sag Elevation: 614.38 ft. msl



Chessie System Railroad Bridge - Lift Span
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 51.4 ft. (open)
Vertical Clearance Above Pool Stage: 24.6 ft. (closed)
Low Steel Elevation: 563.6 ft. msl (closed)
Low Steel Elevation: 590.4 ft. (open)

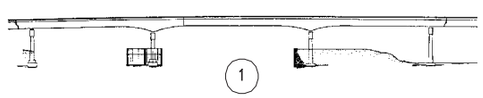
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 290.8 TO 293.3

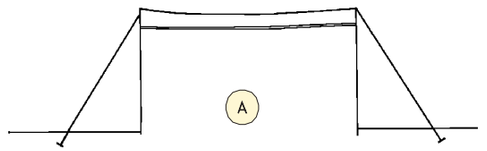


LOCKPORT LOCK
Elevation Looking Upstream

Channel Span



Lockport Ninth Street Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 47.6 ft.
Low Steel Elevation: 625.4 ft.msl



Commonwealth Edison
Vertical Clearance Above Pool Stage: 60.0 ft.
Maximum Sag Elevation: 638.0 ft. msl

W88 05'00"
Will County
53
Lockport Lock & Dam
Des Plaines River
Chicago Sanitary & Ship Canal
Deep Run
291.0
292.0
293.0
MATCH LINE
W88 04'30"
Cargil Lockport Grain Elev. Dock
166
Continental Grain Co. Lockport Elev.
167
Continental Grain Co. Lockport Grain Elev.
168
169
170
Material Service Corp. Terminal
1
A
7
Daries St.
Canal St.
Illinois & Michigan Canal (Abandoned)
171
W88 04'00"
W. Bruce Rd.
Pine Ave.
Clonner Ave.
Dell Port Ave.
Green Garden Pl.
N41 34'00"
N41 34'30"
Lockport
18th St.
15th St.
W88 03'30"
N41 35'00"
S. Hamilton St.
S. Washington St.
N41 35'30"
E. 4th St.
E. 2nd St.
Thornton St.
W88 03'00"

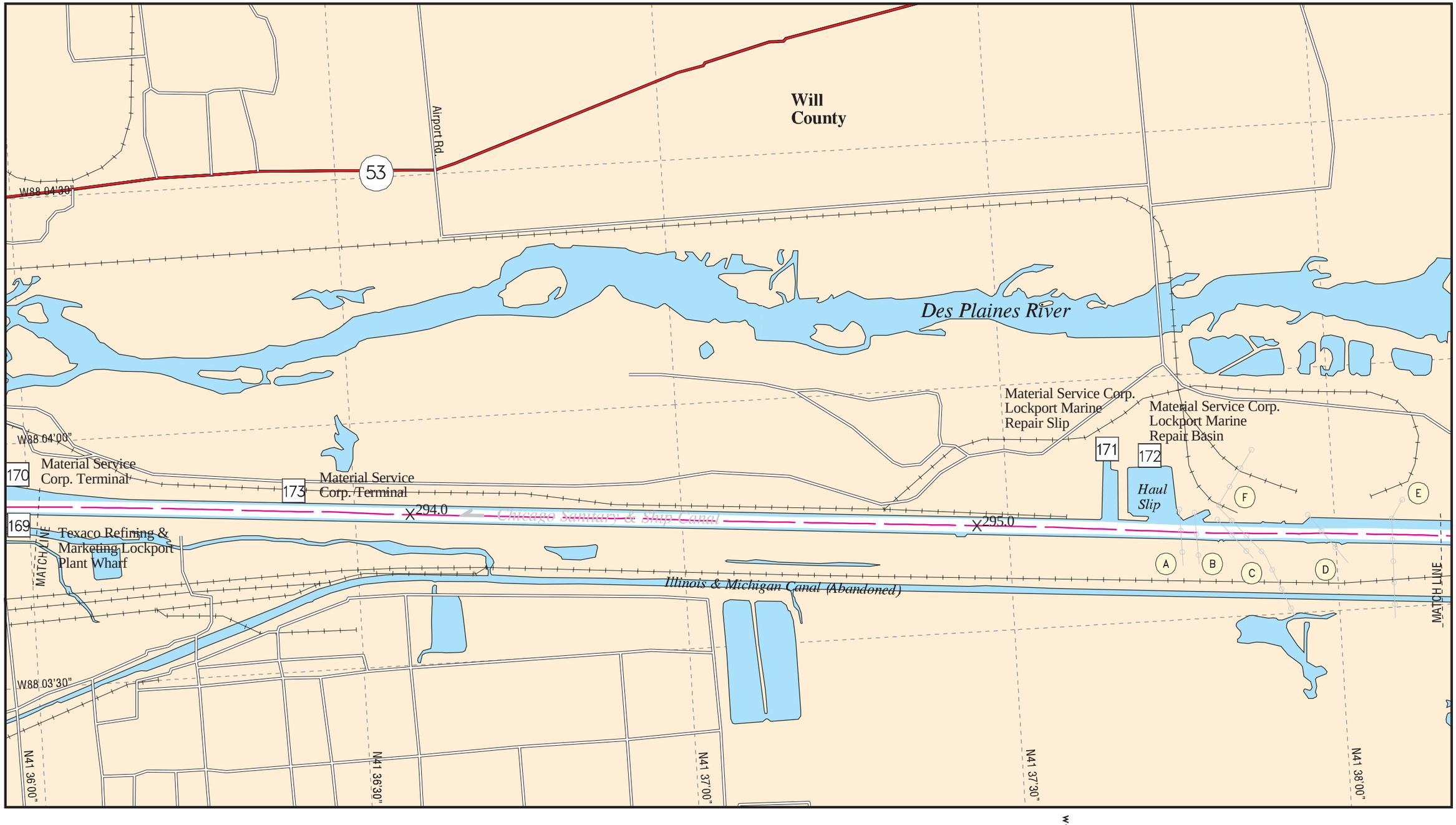
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 114

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 293.3 TO 295.8



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W N S E

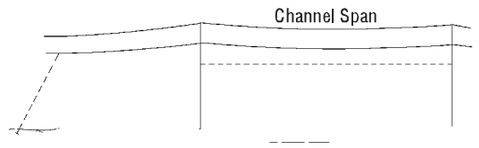
MAP NO. 115

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 293.3 TO 295.8

No Profile Available

A

Aerial Pipeline
Vertical Clearance Above Pool Stage: 46.2 ft.
Maximum Sag Elevation: 624.2 ft. msl



B

Commonwealth Edison
Vertical Clearance Above Pool Stage: 67.5 ft.
Maximum Sag Elevation: 645.5 ft. msl

No Profile Available

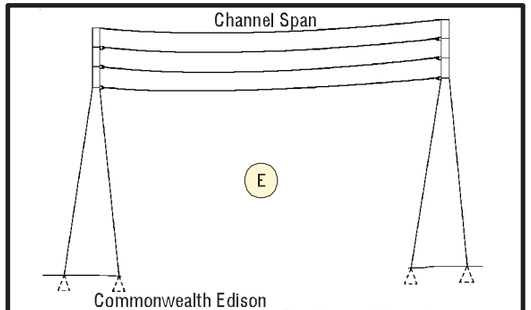
C

Aerial Pipeline
Vertical Clearance Above Pool Stage: 77.88 ft.
Maximum Sag Elevation: 655.88 ft. msl

No Profile Available

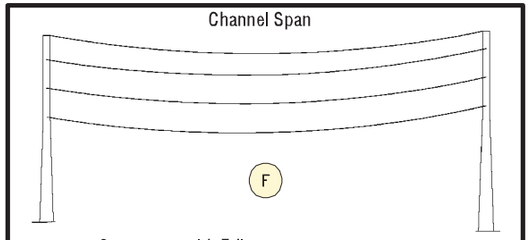
D

Commonwealth Edison
Vertical Clearance Above Pool Stage: 73.0 ft.
Maximum Sag Elevation: 651.0 ft. msl



E

Commonwealth Edison
Vertical Clearance Above Pool Stage: 77.88 ft.
Maximum Sag Elevation: 655.88 ft. msl



F

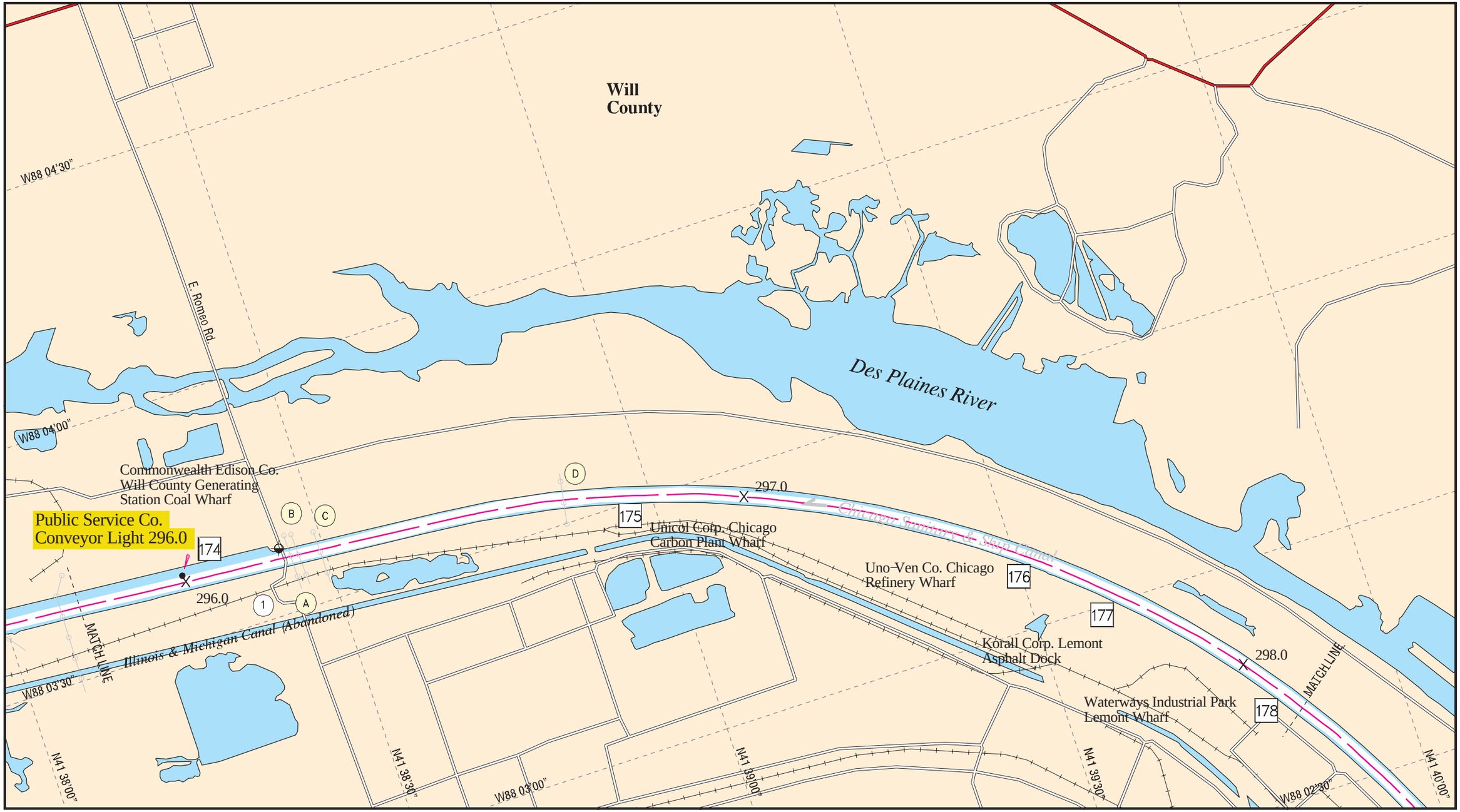
Commonwealth Edison
Vertical Clearance Above Pool Stage: 75.9 ft.
Maximum Sag Elevation: 653.9 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 115

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 295.8 TO 298.1



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

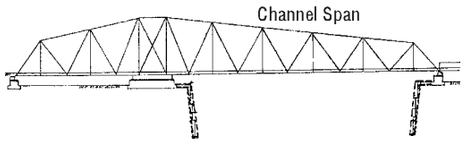
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W N S E

MAP NO. 116

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 295.8 TO 298.1



1

Romeo Highway Bridge - Swing Span
Horizontal Clearance: 160.0 ft.
Vertical Clearance Above Pool Stage: 17.0 ft.
Low Steel Elevation: 595.0 ft. msl

No Profile Available

A

Commonwealth Edison
Vertical Clearance Above Pool Stage: 62.59 ft.
Maximum Sag Elevation: 640.59 ft. msl

No Profile Available

B

Illinois Bell Telephone Line
No Information Available

No Profile Available

C

Aerial Cable
Vertical Clearance Above Pool Stage: 61.38 ft.
Maximum Sag Elevation: 639.38 ft. msl

No Profile Available

D

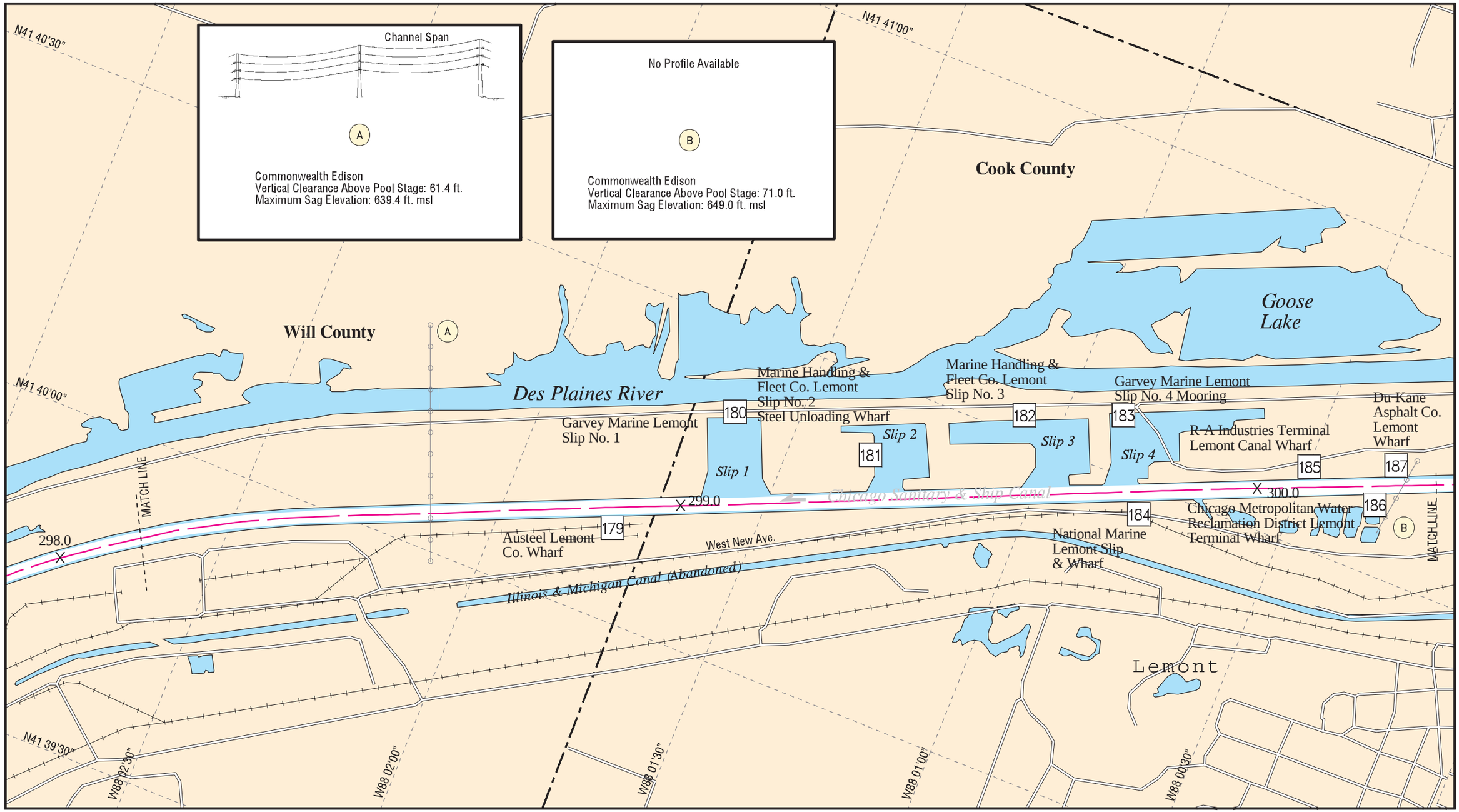
Aerial Pipeline
Vertical Clearance Above Pool Stage: 44.0 ft.
Maximum Sag Elevation: 622.0 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 116

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 298.1 TO 300.4



1998

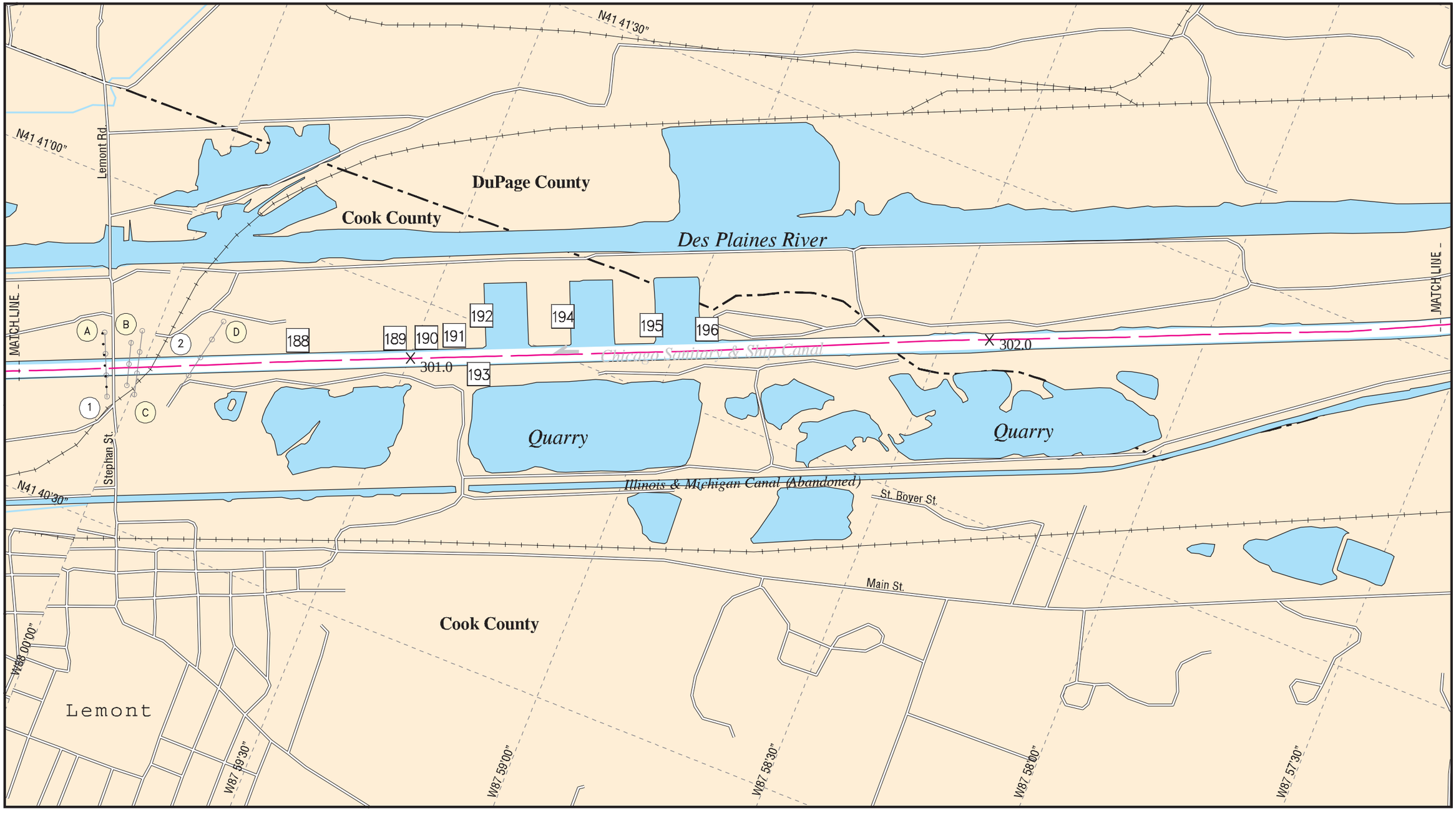
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 117

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 300.4 TO 302.8



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

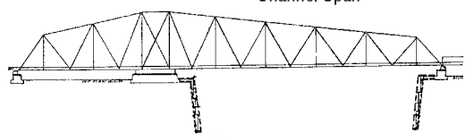
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 118

Channel Span



1

Lemont Highway Bridge - Fixed Span
Horizontal Clearance: 160.0 ft
Vertical Clearance Above Pool Stage: 47.4 ft
Low Steel Elevation: 625.4 ft. msl

No Profile Available

2

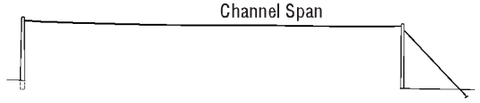
Burlington Northern Santa Fe RR Bridge-Swing Bridge
Horizontal Clearance: 160.0 ft.
Vertical Clearance Above Pool Stage: 19.1 ft.
Low Steel Elevation: 597.1 ft. msl
Bridge Does Not Open

No Profile Available

A

Commonwealth Edison
Vertical Clearance Above Pool Stage: 61.3 ft.
Low Steel Elevation: 639.3 ft. msl

Channel Span



B

Aerial Telephone
Vertical Clearance Above Pool Stage: 65.54 ft.
Low Steel Elevation: 643.54 ft. msl

No Profile Available

C

Aerial Telephone & Telegraph
Vertical Clearance Above Pool Stage: 53.0 ft.
Low Steel Elevation: 631.0 ft. msl

No Profile Available

D

Aerial Telegraph Line
Vertical Clearance Above Pool Stage: 49.3 ft.
Low Steel Elevation: 627.3 ft. msl

BARGE FACILITIES

188 Tri-River Docks Lemont Yard Wharf

189 M.W.S. Enterprises Wharf

190 INTAC Automotive Products Lemont Plant Wharf

191 Lake River Corp. Wharf

192 Heritage Enviromental Services Lemont Industrial District Slip C

BARGE FACILITIES

193 K.A. Steel Chemicals Wharf

194 Welding & Shipbuilding Lemont Industrial District Slip B

195 American Commercial Marine Service Co. Lemont Ind. District Slip A Mooring

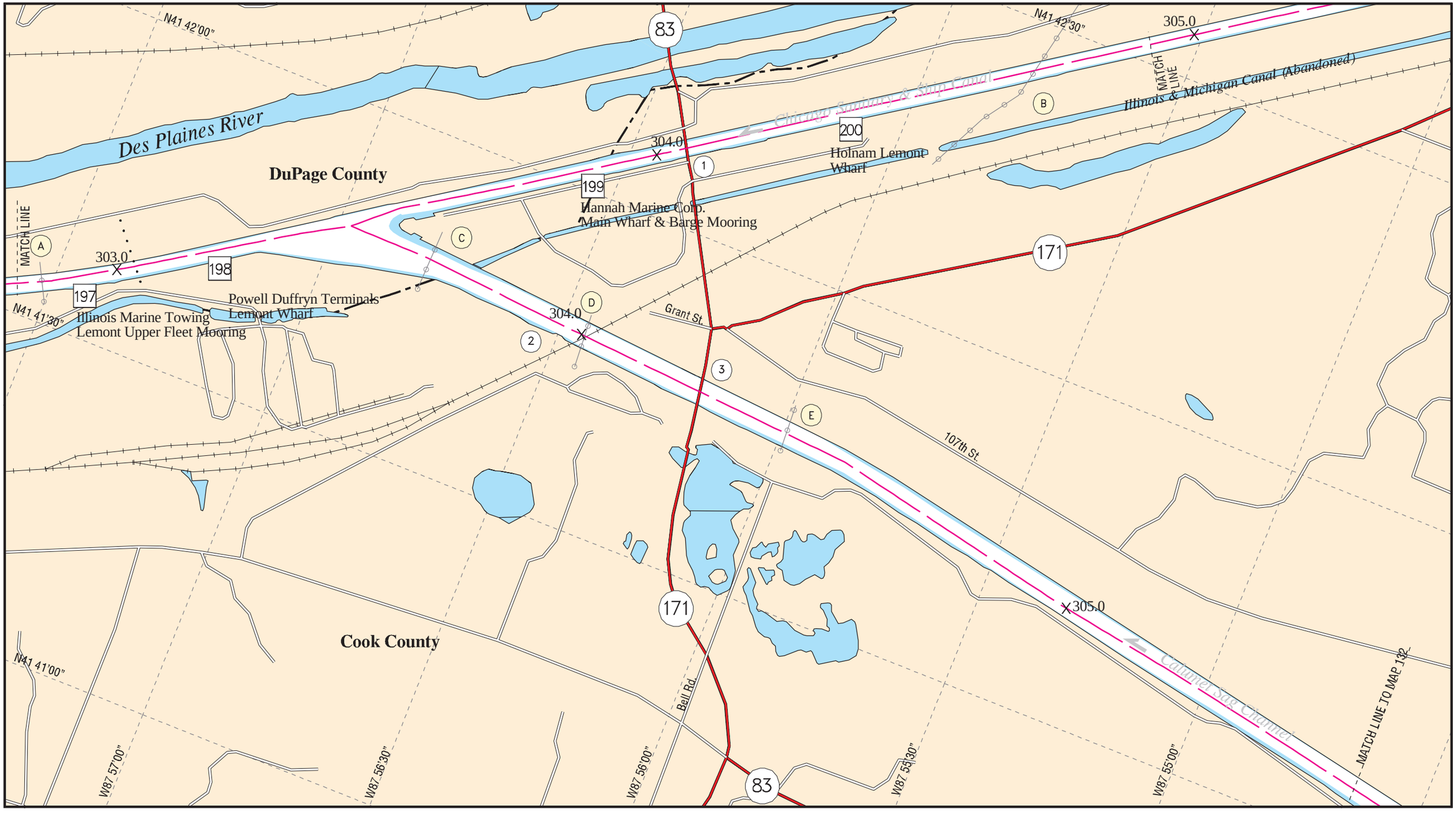
196 Scarpelli Materials Yard 436 Lemont Ind. District Slip A Wharves

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 118

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 302.8 TO 304.9



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

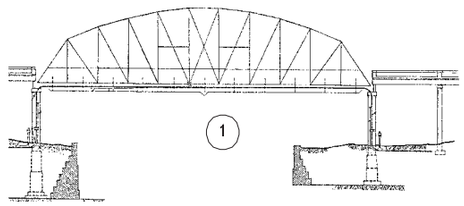
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 119

Channel Span



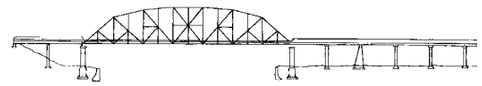
Sag Highway Bridge
Horizontal Clearance: 160.0 ft.
Vertical Clearance Above Pool Stage: 39.4 ft.
Low Steel Elevation: 617.4 ft. msl

No Profile Available

2

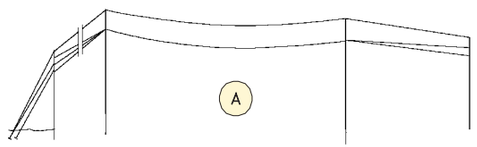
ICG (Illinois Central Gulf) RR Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.38 ft.
Low Steel Elevation: 602.38 ft. msl

Channel Span



Sag Highway Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 39.4 ft.
Low Steel Elevation: 617.4 ft. msl

Channel Span



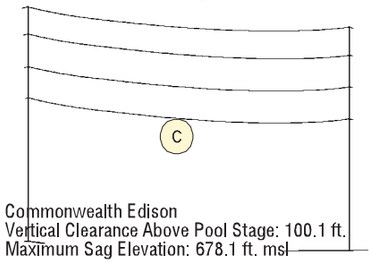
Commonwealth Edison
Vertical Clearance Above Pool Stage: 62.0 ft.
Maximum Sag Elevation: 637.4 ft. msl

No Profile Available

B

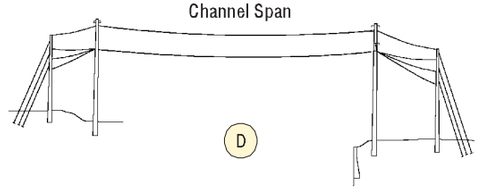
Aerial Transmission Line
Vertical Clearance Above Pool Stage: 62.04 ft.
Maximum Sag Elevation: 604.04 ft. msl

Channel Span



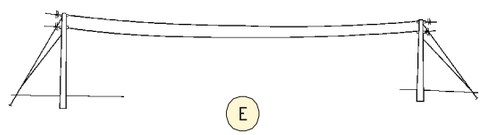
Commonwealth Edison
Vertical Clearance Above Pool Stage: 100.1 ft.
Maximum Sag Elevation: 678.1 ft. msl

Channel Span



Commonwealth Edison
Vertical Clearance Above Pool Stage: 62.0 ft.
Maximum Sag Elevation: 640.0 ft. msl

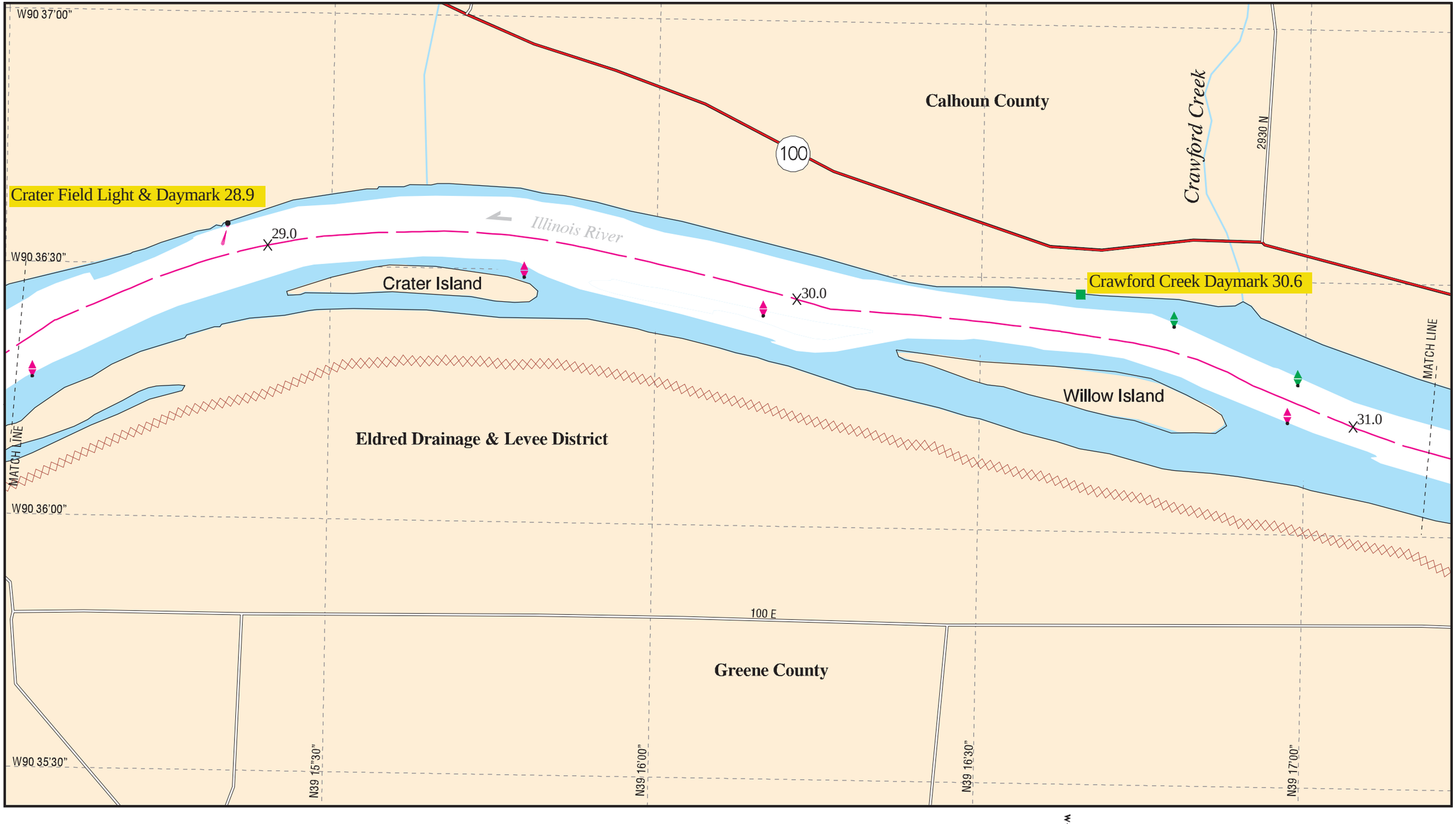
Channel Span



Illinois Bell
Vertical Clearance Above Pool Stage: 39.4 ft.
Maximum Sag Elevation: 607.4 ft. msl

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 28.5 TO 31.2



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

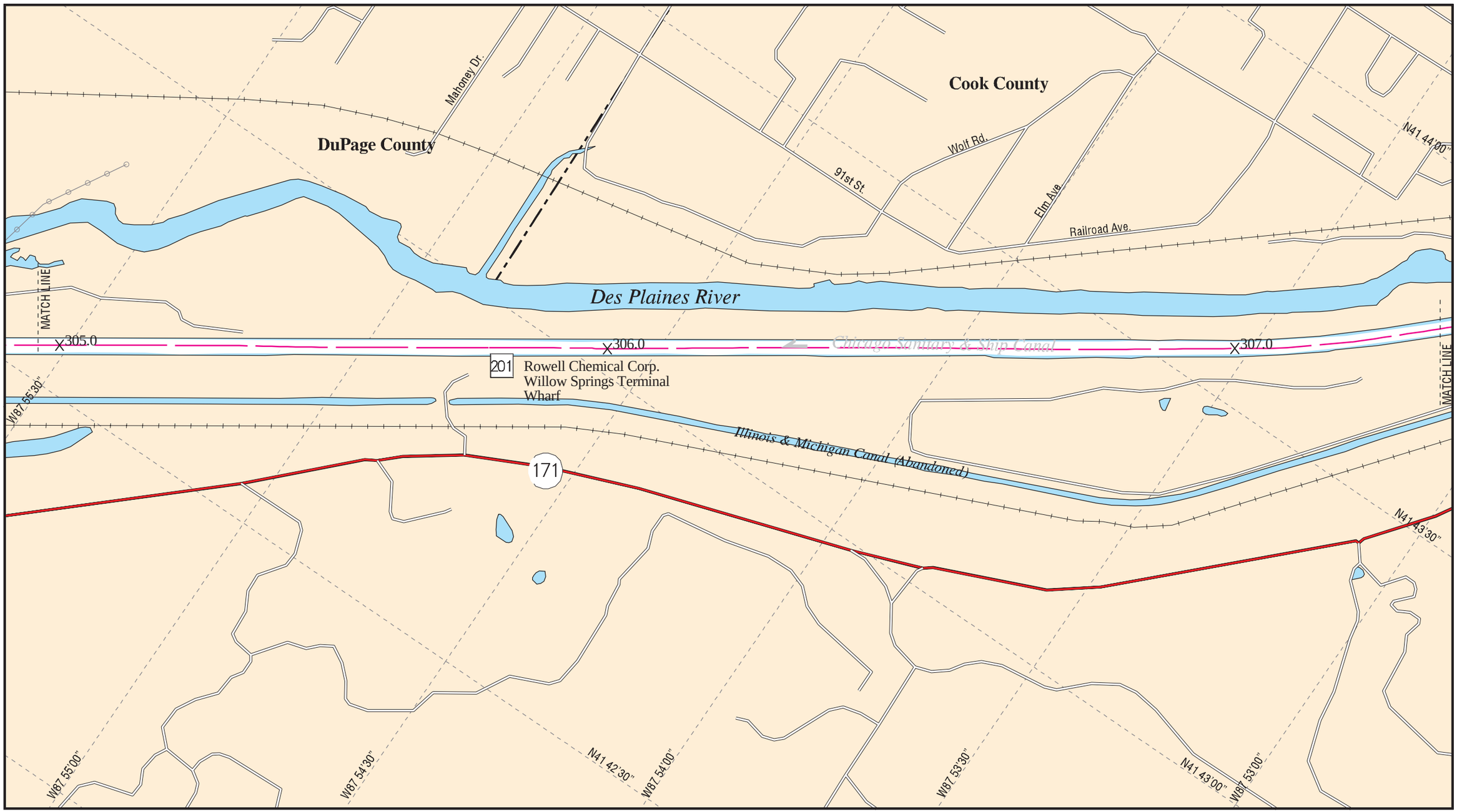
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W S N E

MAP NO. 12

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 304.9 TO 307.3



1998

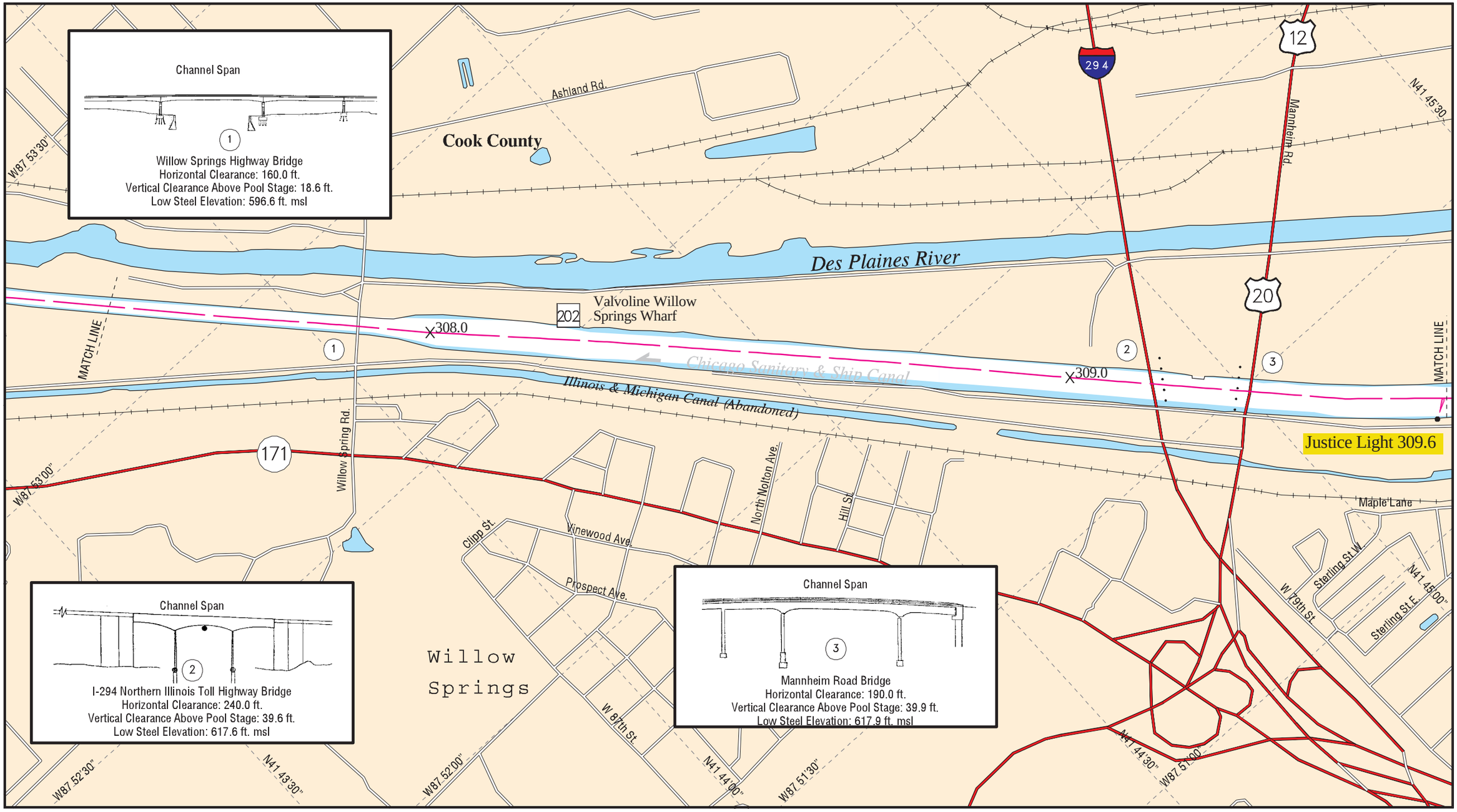
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 120

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 307.5 TO 309.5



1998

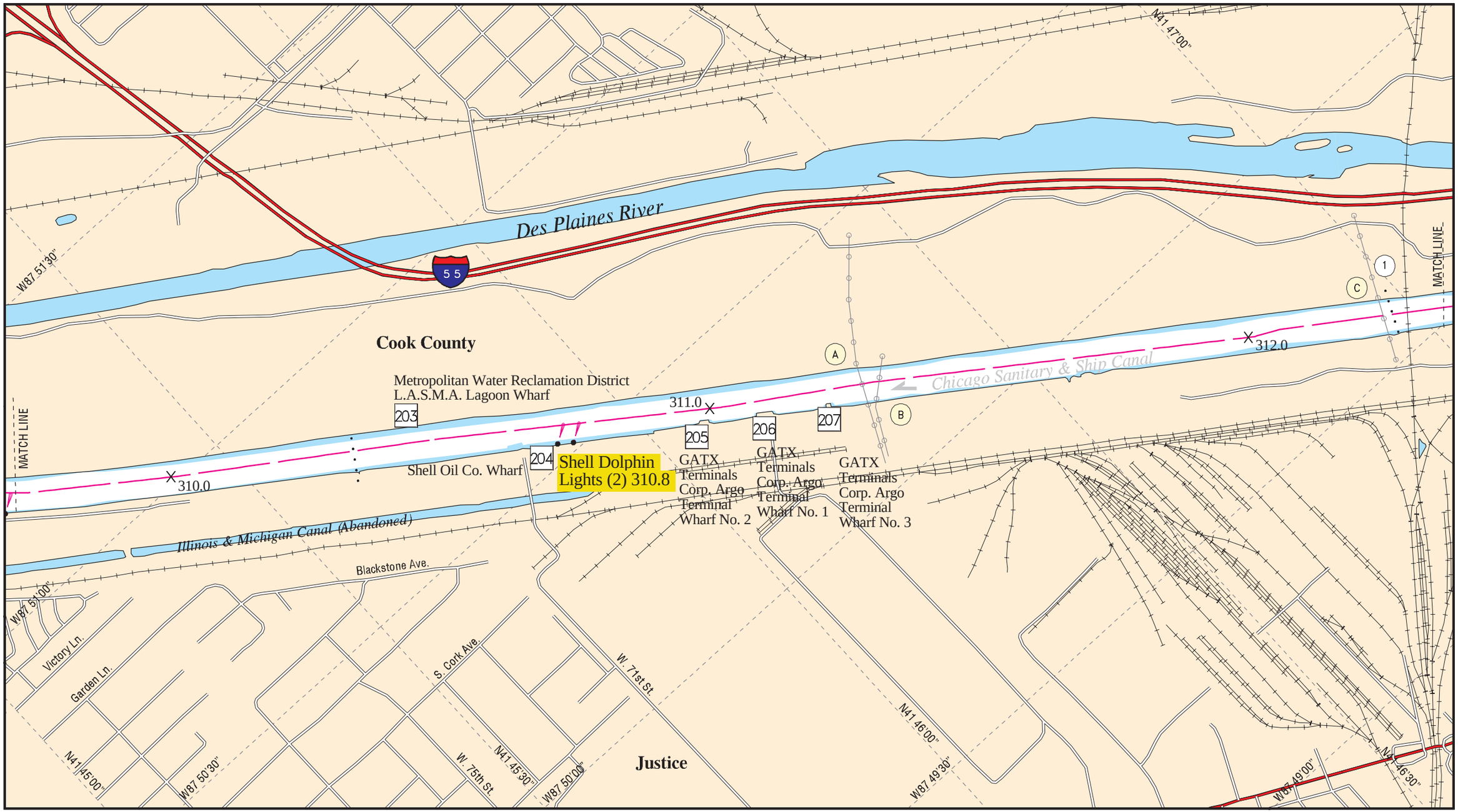
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 121

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 309.5 TO 312.3



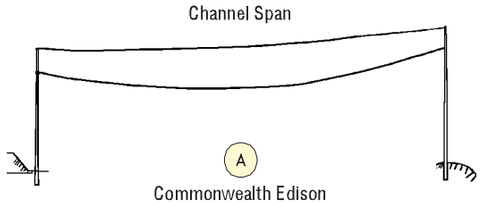
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

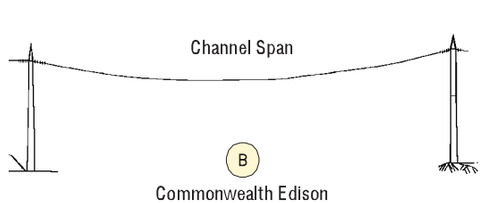
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

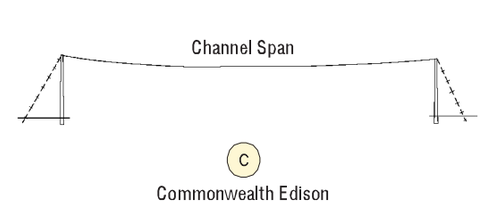
MAP NO. 122



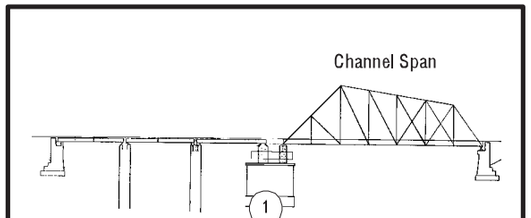
Commonwealth Edison
Vertical Clearance Above Pool Stage: 82.4 ft.
Maximum Sag Elevation: 660.4 ft. msl



Commonwealth Edison
Vertical Clearance Above Pool Stage: 69.9 ft.
Maximum Sag Elevation: 647.9 ft. msl



Commonwealth Edison
Vertical Clearance Above Pool Stage: 80.0 ft.
Maximum Sag Elevation: 658.0 ft. msl

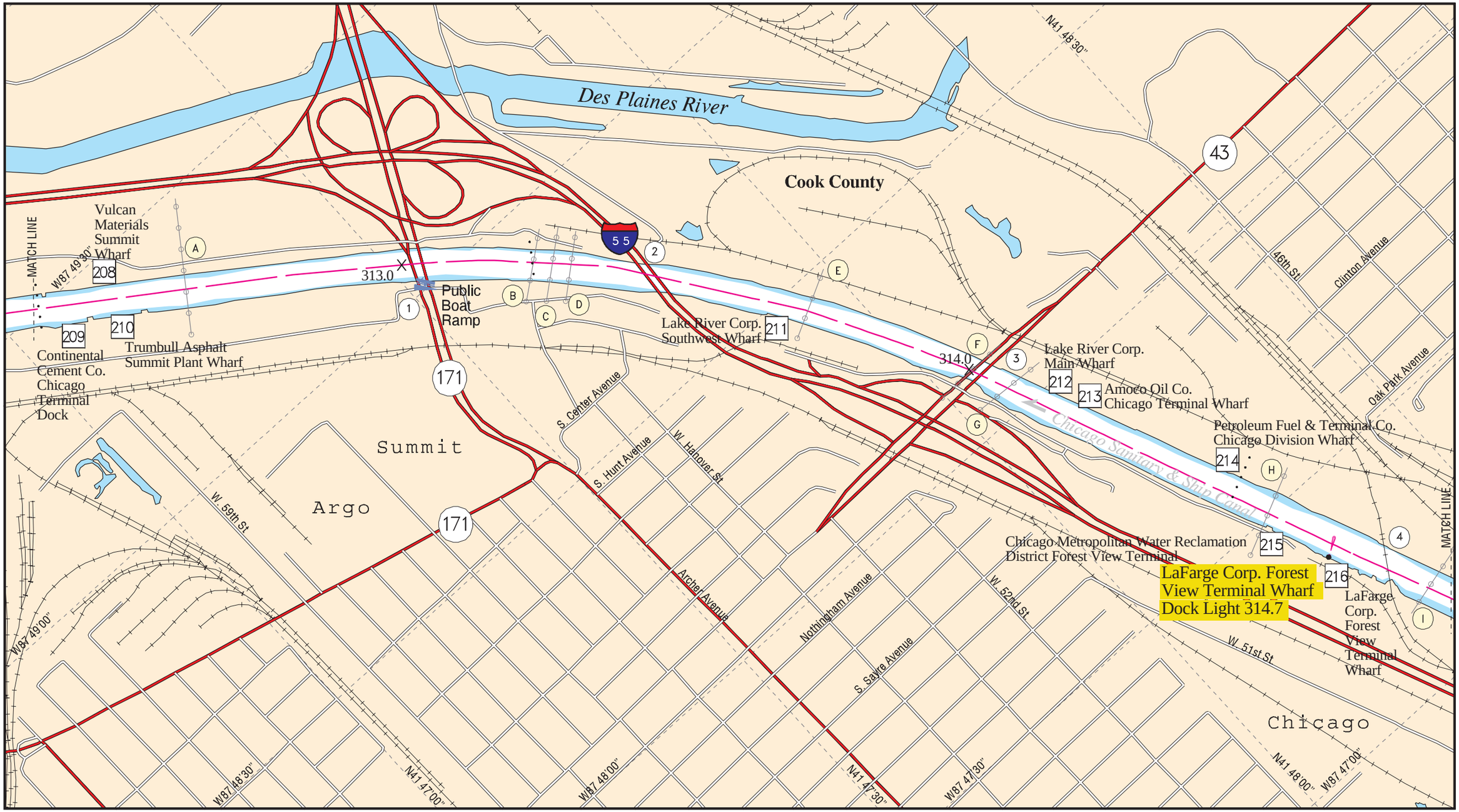


Chessie System Railroad Bridge
Horizontal Clearance: 113.0 ft.
Vertical Clearance Above Pool Stage: 18.9 ft.
(Bridge does not open for navigation)
Low Steel Elevation: 596.9 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 312.3 TO 314.9



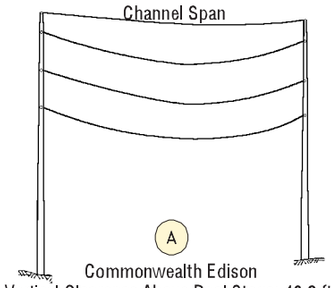
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

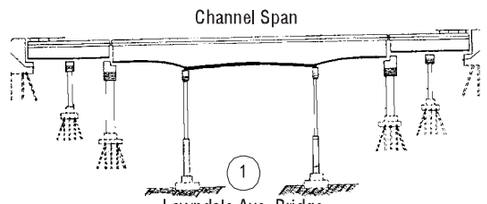
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

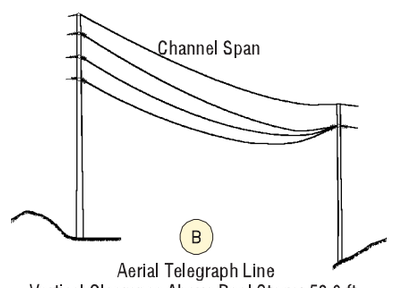
MAP NO. 123



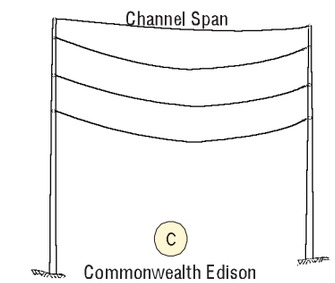
Commonwealth Edison
Vertical Clearance Above Pool Stage: 48.0 ft.
Maximum Sag Elevation: 626.0 ft. msl



Lawndale Ave. Bridge
Horizontal Clearance: 160.0 ft.
Vertical Clearance Above Pool Stage: 39.8 ft.
Low Steel Elevation: 617.8 ft. msl



Aerial Telegraph Line
Vertical Clearance Above Pool Stage: 50.8 ft.
Maximum Sag Elevation: 628.8 ft. msl

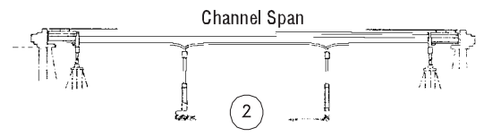


Commonwealth Edison
Vertical Clearance Above Pool Stage: 67.45 ft.
Maximum Sag Elevation: 645.45 ft. msl

No Profile Available

D

Commonwealth Edison
Vertical Clearance Above Pool Stage: 79.4 ft.
Maximum Sag Elevation: 657.4 ft. msl



Stevenson I-55 Expressway Bridge
Horizontal Clearance: 162.0 ft.
Vertical Clearance Above Pool Stage: 41.8 ft.
Low Steel Elevation: 619.8 msl

No Profile Available

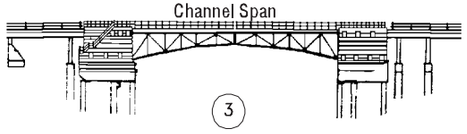
E

Commonwealth Edison
Vertical Clearance Above Pool Stage: 60.0 ft.
Maximum Sag Elevation: 638.0 ft. msl

No Profile Available

F

Illinois Bell
Vertical Clearance Above Pool Stage: 54.6 ft.
Maximum Sag Elevation: 632.6 ft. msl

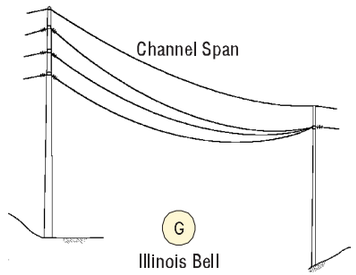


S. Harlem Ave. Bridge
Horizontal Clearance: 140.0 ft.
Vertical Clearance Above Pool Stage: 23.3 ft.
Low Steel Elevation: 596.9 ft. msl

1998

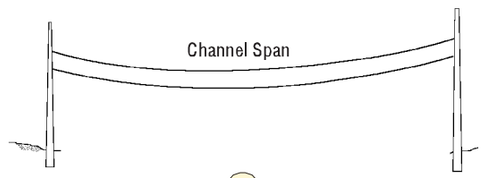
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 123



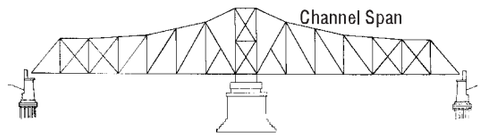
G

Illinois Bell
Vertical Clearance Above Pool Stage: 49.5 ft.
Maximum Sag Elevation 627.5 ft. msl



H

Commonwealth Edison
Vertical Clearance Above Pool Stage: 58.0 ft.
Maximum Sag Elevation 636.0 ft. msl



4

Burlington Northern Santa Fe Bridge-Swing Span
(Bridge Does Not Open)
Horizontal Clearance: 107.0 ft. South Draw
Vertical Clearance Above Pool Stage: 18.9 ft.
Low Steel Elevation: 596.9 ft. msl

No Profile Available

I

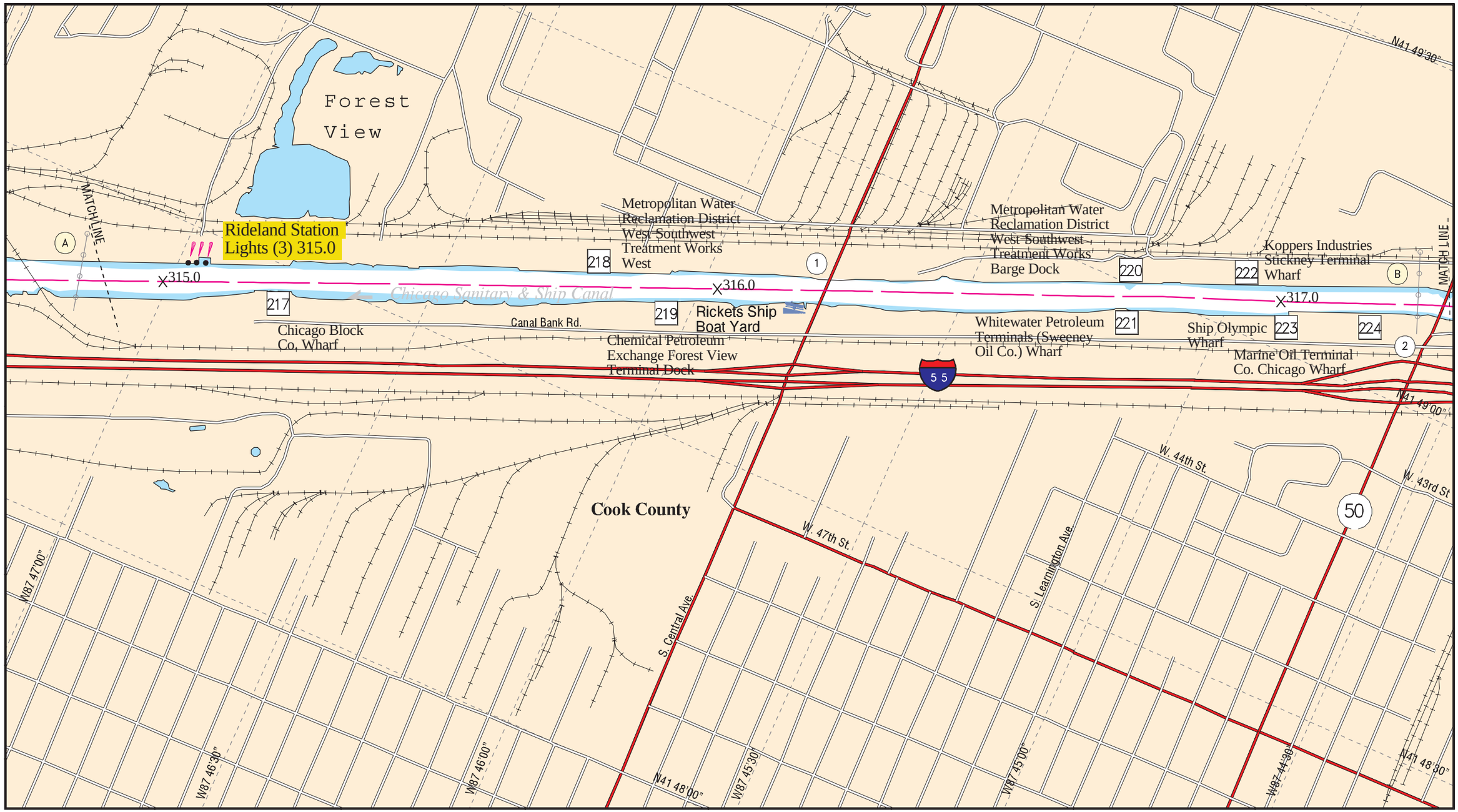
Commonwealth Edison
Vertical Clearance Above Pool Stage: 65.0 ft.
Maximum Sag Elevation 643.0 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 123

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 314.9 TO 317.2



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

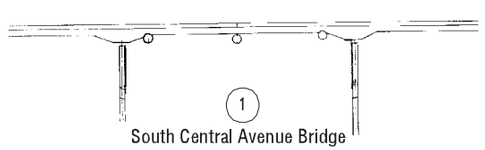
MAP NO. 124

No Profile Available

A

Commonwealth Edison
Vertical Clearance Above Pool Stage: 65.0 ft.
Maximum Sag Elevation: 643.0 ft. msl

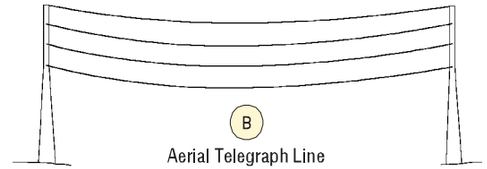
Channel Span



1

South Central Avenue Bridge
Horizontal Clearance: 170.0 ft.
Vertical Clearance Above Pool Stage: 42.4 ft.
Low Steel Elevation: 620.4 ft. msl

Channel Span



B

Aerial Telegraph Line
Vertical Clearance Above Pool Stage: 68.0 ft.
Maximum Sag Elevation: 646.0 ft. msl

No Profile Available

2

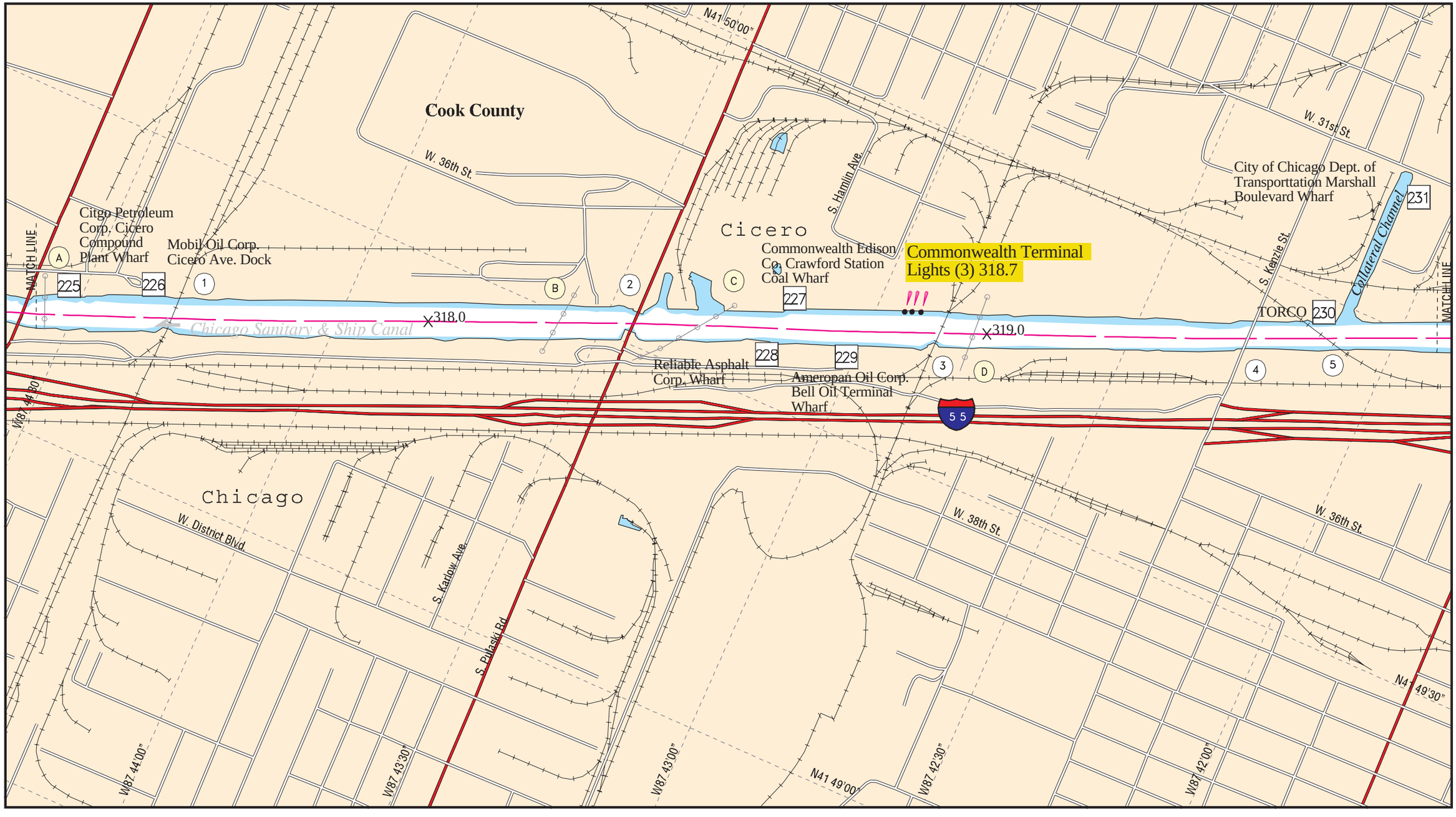
South Cicero Avenue Bridge Twin Span
Horizontal Clearance: 140.0 ft.
Vertical Clearance Above Pool Stage: 18.0 ft.
Low Steel Elevation: 596.0 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 124

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 317.2 TO 319.8



1998

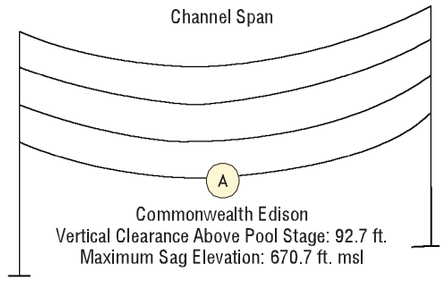
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

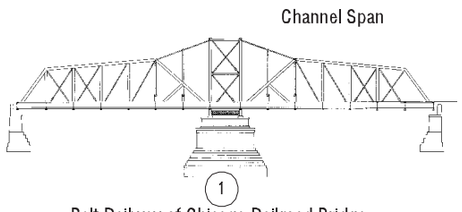
0 1150 2300 ft

N W E S

MAP NO. 125



Commonwealth Edison
Vertical Clearance Above Pool Stage: 92.7 ft.
Maximum Sag Elevation: 670.7 ft. msl

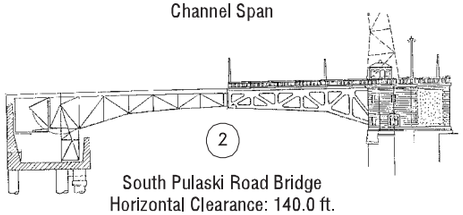


Belt Railway of Chicago Railroad Bridge
(Bridge does not open)
Horizontal Clearance: 97.0 ft. (south draw)
Vertical Clearance Above Pool Stage: 17.8 ft.
Low Steel Elevation: 595.8 ft. msl

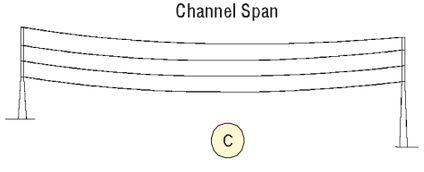
No Profile Available

B

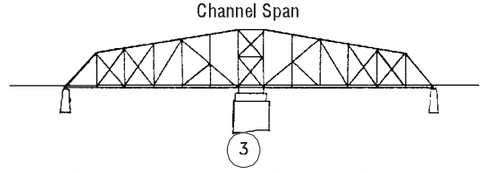
Commonwealth Edison
Vertical Clearance Above Pool Stage: 60.0 ft.
Maximum Sag Elevation: 638.0 ft. msl



South Pulaski Road Bridge
Horizontal Clearance: 140.0 ft.
Vertical Clearance Above Pool Stage: 22.6 ft.
(Under the center 80.0 feet of span)
Low Steel Elevation: 600.6 ft. msl



Commonwealth Edison
Vertical Clearance Above Pool Stage: 79.2 ft.
Maximum Sag Elevation: 657.2 ft. msl

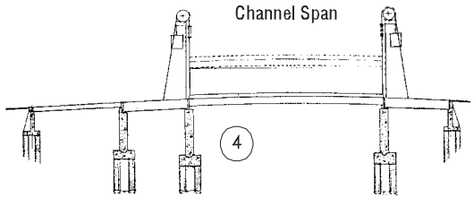


Burlington Northern Santa Fe Railroad Bridge
(Inoperable swing span)
Horizontal Clearance: 95.0 ft.(north draw)
Horizontal Clearance: 80.0 ft.(south draw)
Vertical Clearance Above Pool Stage: 18.9 ft.
Low Steel Elevation: 596.9 ft. msl

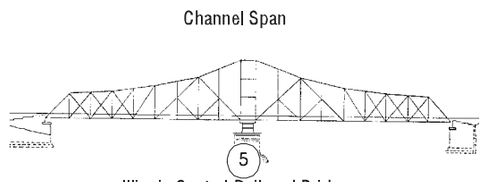
No Profile Available

D

Commonwealth Edison
Vertical Clearance Above Pool Stage: 52.0 ft.
Maximum Sag Elevation: 630.0 ft. msl



South Kedzie Avenue Bridge
Horizontal Clearance: 130.0 ft.
Vertical Clearance Above Pool Stage: 22.4 ft.
Low Steel Elevation: 600.4 ft. msl



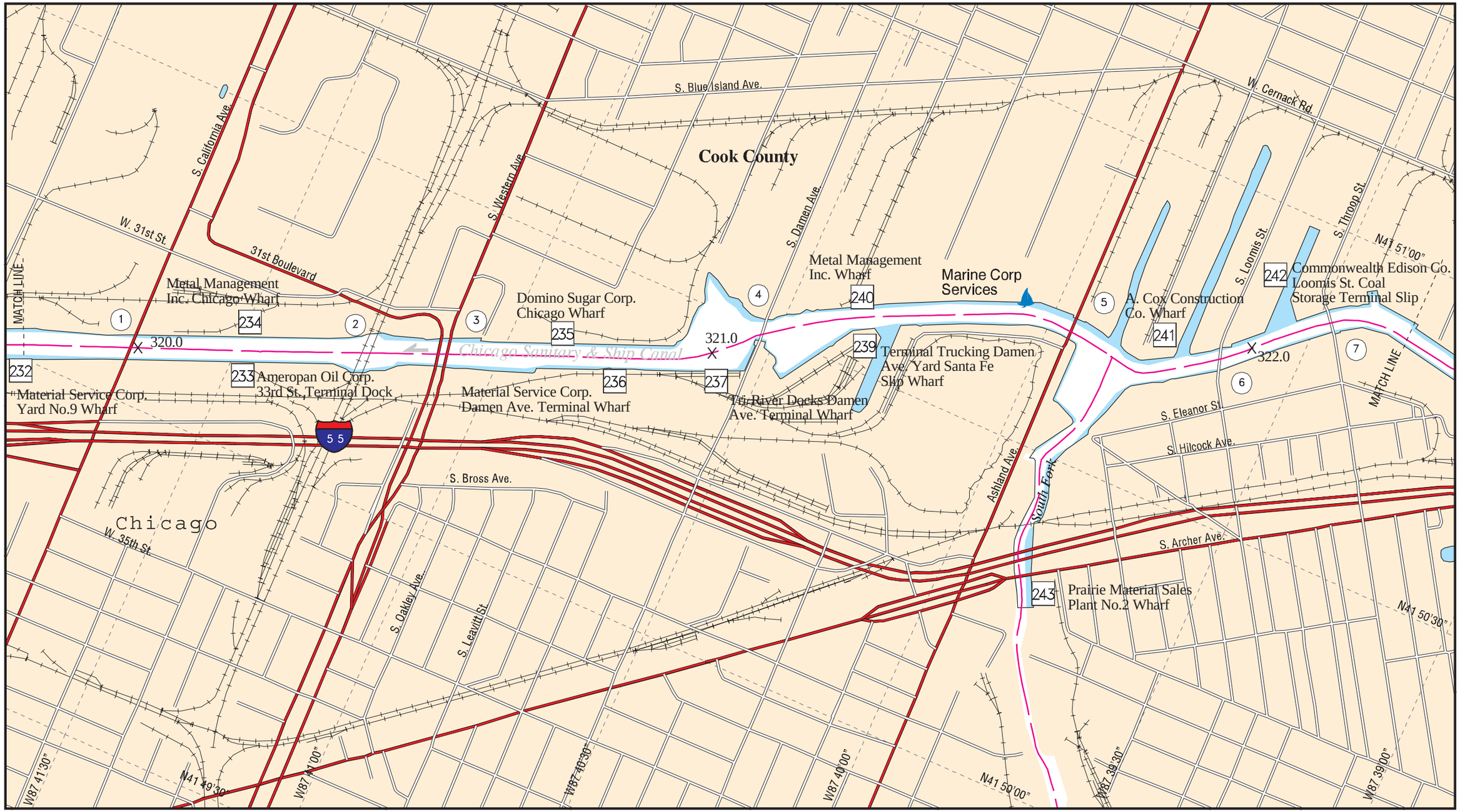
Illinois Central Railroad Bridge
(Bridge does not open)
Horizontal Clearance: 100.0 ft. (north draw)
Horizontal Clearance: 80.0 ft. (south draw)
Vertical Clearance Above Pool Stage: 19.5 ft.
Low Steel Elevation: 597.5 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 125

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 319.8 TO 322.2



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

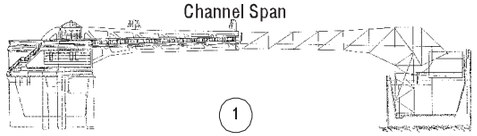
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 126

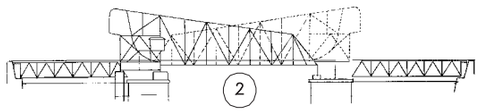
Channel Span



1

South California Avenue Bridge
(Bridge does not open for navigation)
Horizontal Clearance: 128.0 ft.
Vertical Clearance Above Pool Stage: 17.7 ft
(under center 80.0 feet of span)
Low Steel Elevation: 595.7 ft. msl

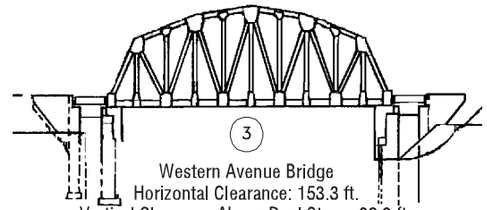
Channel Span



2

CSX Chessie System/Conrail Railroad Bridge
(Bridge does not open for navigation)
Horizontal Clearance: 120.0 ft.
Vertical Clearance Above Pool Stage: 17.0 ft.
Low Steel Elevation: 595.0 ft. msl

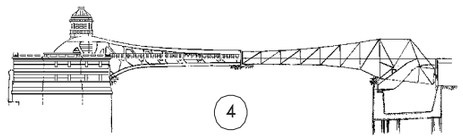
Channel Span



3

Western Avenue Bridge
Horizontal Clearance: 153.3 ft.
Vertical Clearance Above Pool Stage: 22.3 ft.
(under center 120.0 feet of span)
Low Steel Elevation 600.3 ft. msl

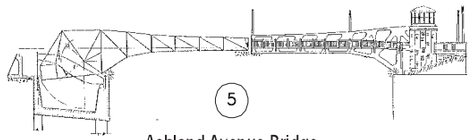
Channel Span



4

South Damen Avenue Bridge
Horizontal Clearance: 140.3 ft.
Vertical Clearance Above Pool Stage: 27.2 ft. (closed)
(under the center 80.0 feet of span)
Low Steel Elevation: 605.2 ft. msl
Advance notice is needed to open, roving operator

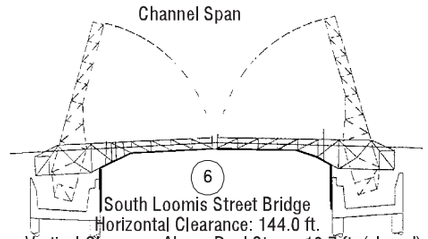
Channel Span



5

Ashland Avenue Bridge
Horizontal Clearance: 183.0 ft.
Vertical Clearance Above Pool Stage: 21.6 ft. (closed)
(under the center 80.0 feet of span)
Low Steel Elevation: 599.6 ft. msl
Advance notice is needed to open, roving operator

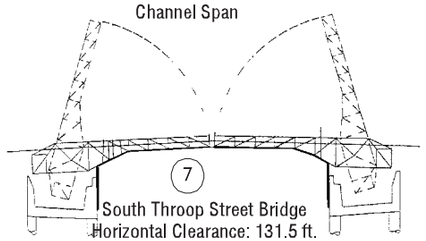
Channel Span



6

South Loomis Street Bridge
Horizontal Clearance: 144.0 ft.
Vertical Clearance Above Pool Stage: 13.7 ft. (closed)
(under the center 80.0 feet of span)
Low Steel Elevation: 591.7 ft. msl
Advance notice is needed to open, roving operator

Channel Span

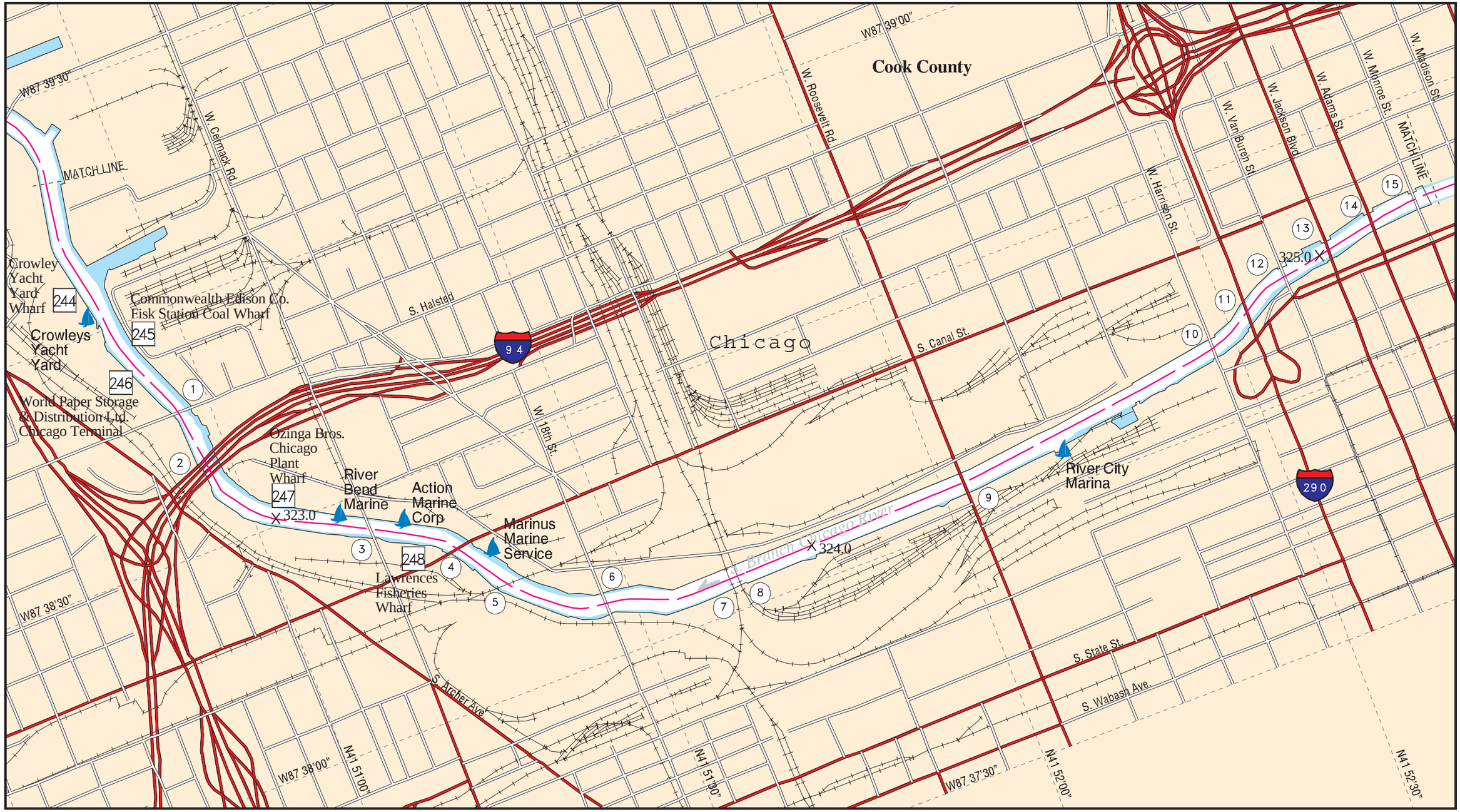


7

South Throop Street Bridge
Horizontal Clearance: 131.5 ft.
Vertical Clearance Above Pool Stage: 16.1 ft. (closed)
(under center 80.0 feet of span)
Low Steel Elevation: 594.1 ft. msl
Advance notice is needed to open, roving operator

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 322.2 TO 325.2



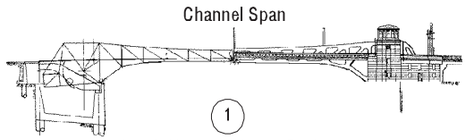
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

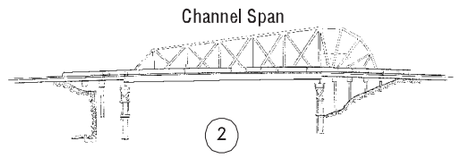
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

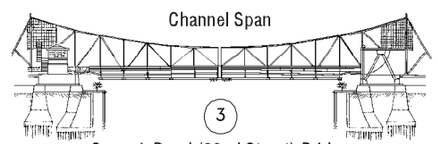
MAP NO. 127



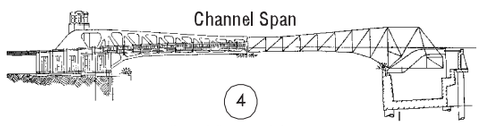
South Halstead Street Bridge
Horizontal Clearance: 163.8 ft.
Vertical Clearance Above Pool Stage: 21.5 ft. (closed)
Low Steel Elevation: 599.5 ft. msl (closed)
Advance notice is needed to open, roving operator



Dan Ryan Expressway Bridge
Horizontal Clearance: 170.0 ft.
Vertical Clearance Above Pool Stage: 64.4 ft.
Low Steel Elevation: 642.4 ft. msl



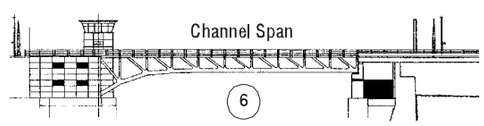
Cermak Road (22nd Street) Bridge
Horizontal Clearance: 129.6 ft.
Vertical Clearance Above Pool Stage: 14.8 ft.
Low Steel Elevation: 592.8 ft. msl



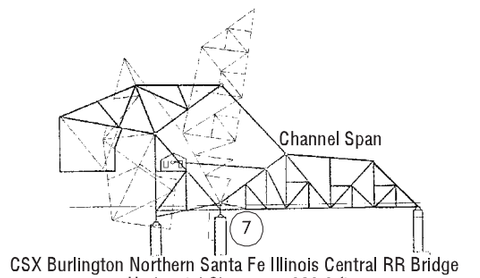
Canal Street Bridge
Horizontal Clearance: 167.0 ft.
Vertical Clearance Above Pool Stage: 22.4 ft.
Low Steel Elevation: 600.4 ft. msl

No Profile Available

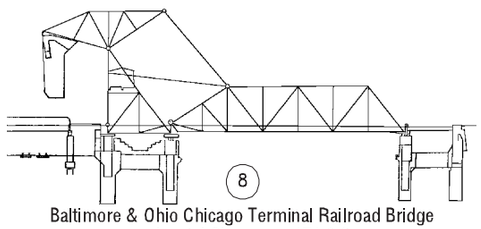
Conrail (Amtrak) Railroad Bridge - Lift Span
Horizontal Clearance: 156.0 ft.
Vertical Clearance Above Pool Stage: 10.5 ft. (closed)
Vertical Clearance Above Pool Stage: 120.0 ft. (open)
Low Steel Elevation: 588.5 ft. msl



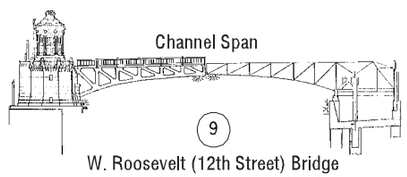
18th Street Bridge
Horizontal Clearance: 125.0 ft.
Vertical Clearance Above Pool Stage: 22.3 ft.
Low Steel Elevation: 600.3 ft. msl



CSX Burlington Northern Santa Fe Illinois Central RR Bridge
Horizontal Clearance: 200.0 ft.
Vertical Clearance Above Pool Stage: 22.9 ft.
Low Steel Elevation: 600.9 ft. msl



Baltimore & Ohio Chicago Terminal Railroad Bridge
Horizontal Clearance: 171.0 ft.
Vertical Clearance Above Pool Stage: 21.5 ft.
Low Steel Elevation: 599.5 ft. msl



W. Roosevelt (12th Street) Bridge
Horizontal Clearance: 158.7 ft.
Vertical Clearance Above Pool Stage: 25.4 ft.
Low Steel Elevation: 603.4 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

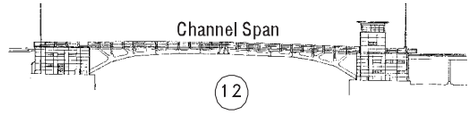
SUPPLEMENTAL TO MAP NO. 127

10

Harrison Street Bridge
Horizontal Clearance: 159.0 ft.
Vertical Clearance Above Pool Stage: 22.6 ft.
Low Steel Elevation: 600.6 ft. msl

11

Eisenhower Expressway
Horizontal Clearance: 168.0 ft.
Vertical Clearance Above Pool Stage: 22.4 ft.
Low Steel Elevation: 600.4 ft. msl

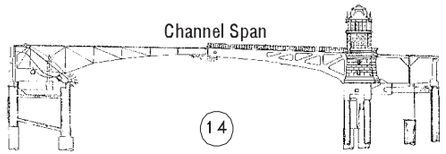


12

Van Buren Street Bridge
Horizontal Clearance: 166.0 ft.
Vertical Clearance Above Pool Stage: 22.8 ft.
Low Steel Elevation: 600.8 ft. msl

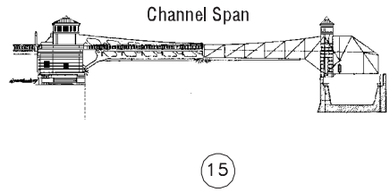
13

Jackson Boulevard Bridge
Horizontal Clearance: 143.1 ft.
Vertical Clearance Above Pool Stage: 20.5 ft.
Low Steel Elevation: 598.5 ft. msl



14

Adams Street Bridge
Horizontal Clearance: 148.9 ft.
Vertical Clearance Above Pool Stage: 19.1 ft.
Low Steel Elevation: 597.1 ft. msl



15

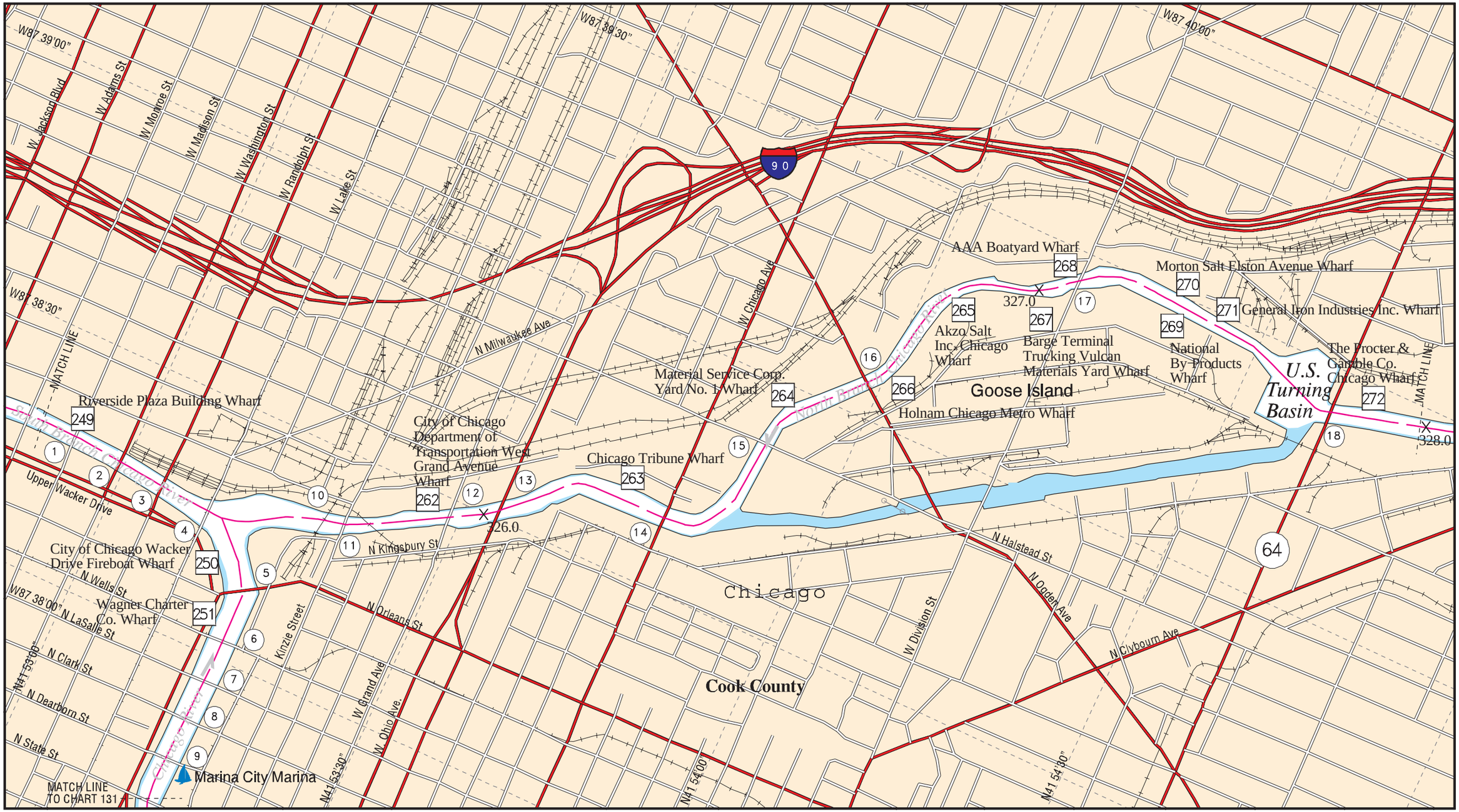
Monroe Street Bridge
Horizontal Clearance: 156.0 ft.
Vertical Clearance Above Pool Stage: 18.8 ft.
Low Steel Elevation: 596.8 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 127

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 325.2 TO 328.0



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

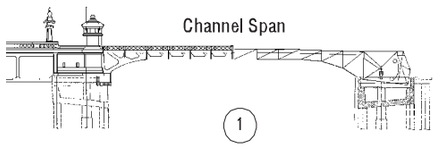
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP REVISEDMARCH 1999
REF. NAV NOTICE IW99-05

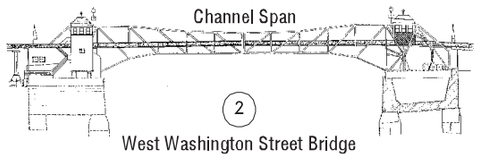
MAP NO. 128

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 325.2 TO 328.0



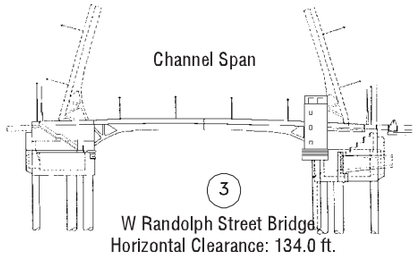
1

West Madison Street Bridge
Horizontal Clearance: 172.1 ft.
Vertical Clearance Above Pool Stage: 18.9 ft
Low Steel Elevation: 596.9 ft. msl



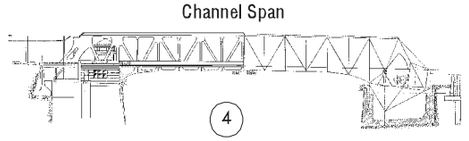
2

West Washington Street Bridge
Horizontal Clearance: 155.4 ft.
Vertical Clearance Above Pool Stage: 20.7 ft.
Low Steel Elevation: 598.7 ft. msl



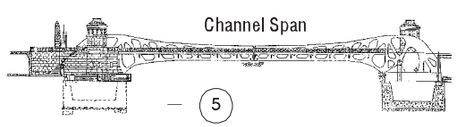
3

W Randolph Street Bridge
Horizontal Clearance: 134.0 ft.
Vertical Clearance Above Pool Stage: 17.3 ft.
Low Steel Elevation: 595.3 ft. msl



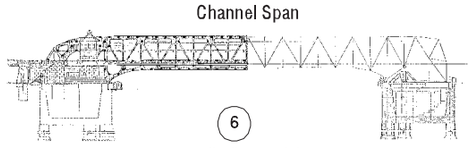
4

West Lake Street Bridge
Horizontal Clearance: 206.8 ft.
Vertical Clearance Above Pool Stage: 18.8 ft.
Low Steel Elevation: 596.8 ft. msl



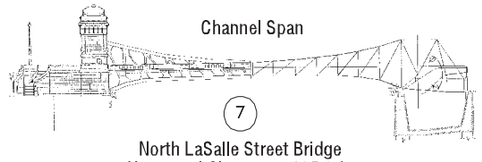
5

North Orleans Street Bridge
Horizontal Clearance: 190.0 ft.
Vertical Clearance Above Pool Stage: 18.9 ft.
Low Steel Elevation: 596.9 ft. msl



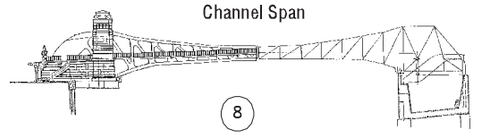
6

North Wells Street Bridge
Horizontal Clearance: 219.5 ft.
Vertical Clearance Above Pool Stage: 18.6 ft.
Low Steel Elevation: 596.6 ft. msl



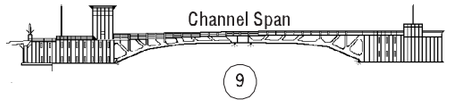
7

North LaSalle Street Bridge
Horizontal Clearance: 195.0 ft.
Vertical Clearance Above Pool Stage: 18.6 ft.
Low Steel Elevation: 596.6 ft. msl



8

North Clark Street Bridge
Horizontal Clearance: 195.0 ft.
Vertical Clearance Above Pool Stage: 19.7 ft.
Low Steel Elevation: 597.7 ft. msl



9

North Dearborn Street Bridge
Horizontal Clearance: 200.0 ft.
Vertical Clearance Above Pool Stage: 22.4 ft.
Low Steel Elevation: 600.4 ft. msl

No Profile Available

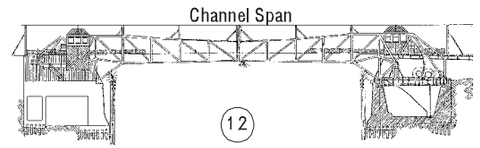
10

Union Pacific Railroad Bridge
Horizontal Clearance: 105.0 ft.
Vertical Clearance Above Pool Stage: 6.5 ft.
Low Steel Elevation: 584.5 ft. msl

No Profile Available

11

Kinzie Street Bridge
Horizontal Clearance: 100.0 ft.
Vertical Clearance Above Pool Stage: 13.7 ft.
Low Steel Elevation: 591.7 ft. msl



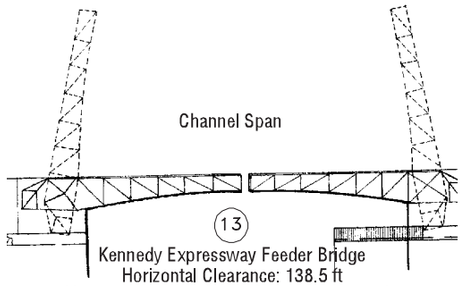
12

West Grand Avenue Bridge
Horizontal Clearance: 120.8 ft.
Vertical Clearance Above Pool Stage: 18.3 ft.
Low Steel Elevation: 596.3 ft. msl

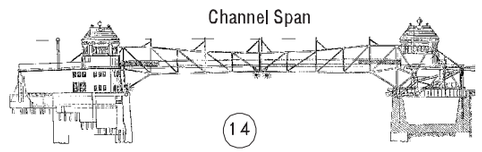
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

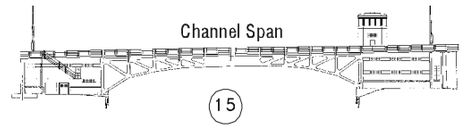
SUPPLEMENTAL TO MAP NO. 128



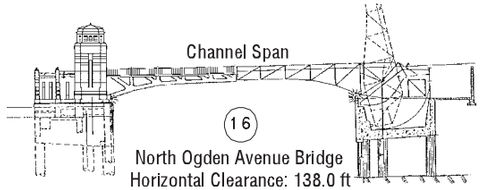
Kennedy Expressway Feeder Bridge
Horizontal Clearance: 138.5 ft
Vertical Clearance Above Pool Stage: 31.6 ft.
Low Steel Elevation: 609.6 ft. msl



West Chicago Avenue Bridge
Horizontal Clearance: 148.8 ft
Vertical Clearance Above Pool Stage: 18.5 ft.
Low Steel Elevation: 596.5 ft. msl



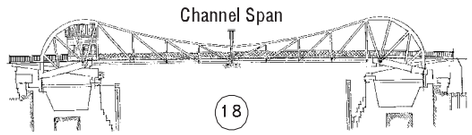
North Halsted Street Bridge
Horizontal Clearance: 140.0 ft
Vertical Clearance Above Pool Stage: 22.4 ft.
Low Steel Elevation: 600.4 ft. msl



North Ogden Avenue Bridge
Horizontal Clearance: 138.0 ft
Vertical Clearance Above Pool Stage: 20.1 ft.
Low Steel Elevation: 598.1 ft. msl

No Profile Available
17

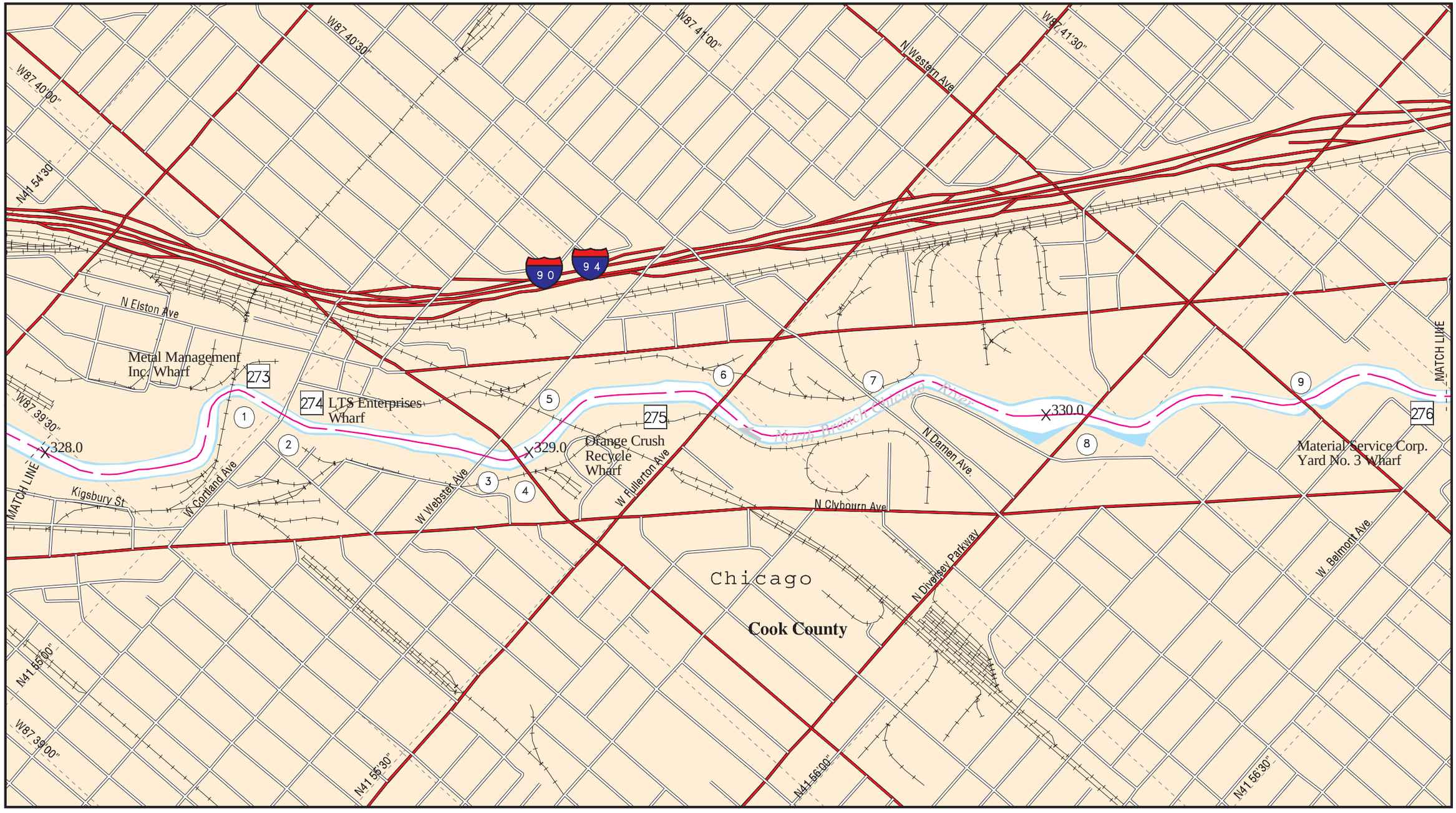
West Division Street Bridge
Horizontal Clearance: 91.6 ft
Vertical Clearance Above Pool Stage: 18.1 ft.
Low Steel Elevation: 596.1 ft. msl



North Avenue Bridge
Horizontal Clearance: 125.0 ft
Vertical Clearance Above Pool Stage: 18.1 ft.
Low Steel Elevation: 596.1 ft. msl

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 328.0 TO 330.7



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

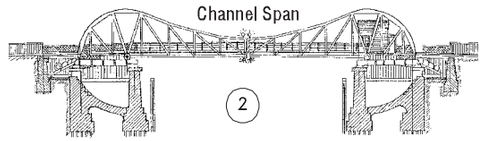
0 1150 2300 ft

MAP NO. 129

No Profile Available

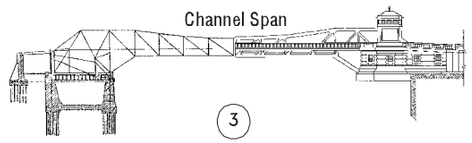
1

Chicago, Central, St. Paul & Pacific RR Bridge
Horizontal Clearance: 82.7 ft.
Vertical Clearance Above Pool Stage: 9.5 ft.
Low Steel Elevation: 587.5 ft. msl



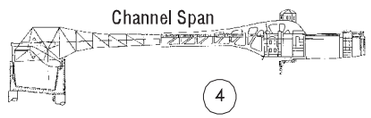
2

West Cortland Street Bridge
Horizontal Clearance: 101.0 ft.
Vertical Clearance Above Pool Stage: 17.6 ft.
Low Steel Elevation: 595.6 ft. msl



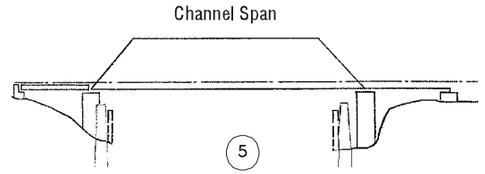
3

West Webster Street Bridge
Horizontal Clearance: 128.0 ft.
Vertical Clearance Above Pool Stage: 17.6 ft.
Low Steel Elevation: 595.6 ft. msl



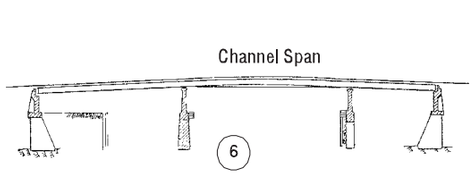
4

North Ashland Avenue Bridge
Horizontal Clearance: 140.0 ft.
Vertical Clearance Above Pool Stage: 18.6 ft.
Low Steel Elevation: 596.6 ft. msl



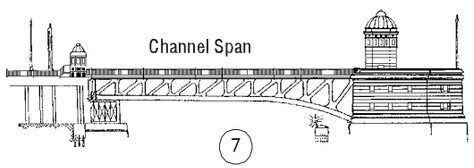
5

Union Pacific Railroad Bridge
Horizontal Clearance: 123.8 ft.
Vertical Clearance Above Pool Stage: 19.3 ft.
Low Steel Elevation: 597.3 ft. msl



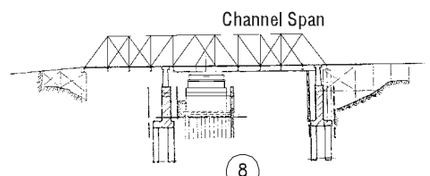
6

West Fullerton Avenue Bridge
Horizontal Clearance: 93.0 ft.
Vertical Clearance Above Pool Stage: 22.4 ft.
Low Steel Elevation: 600.4 ft. msl



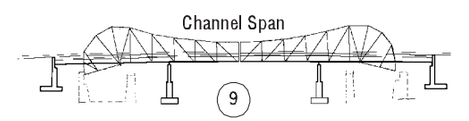
7

North Damen Ave. Bridge
Horizontal Clearance: 118.0 ft.
Vertical Clearance Above Pool Stage: 20.7 ft.
Low Steel Elevation: 598.7



8

North Diversey Parkway Bridge
Horizontal Clearance: 95.0 ft.
Vertical Clearance Above Pool Stage: 22.3 ft.
Low Steel Elevation: 600.3



9

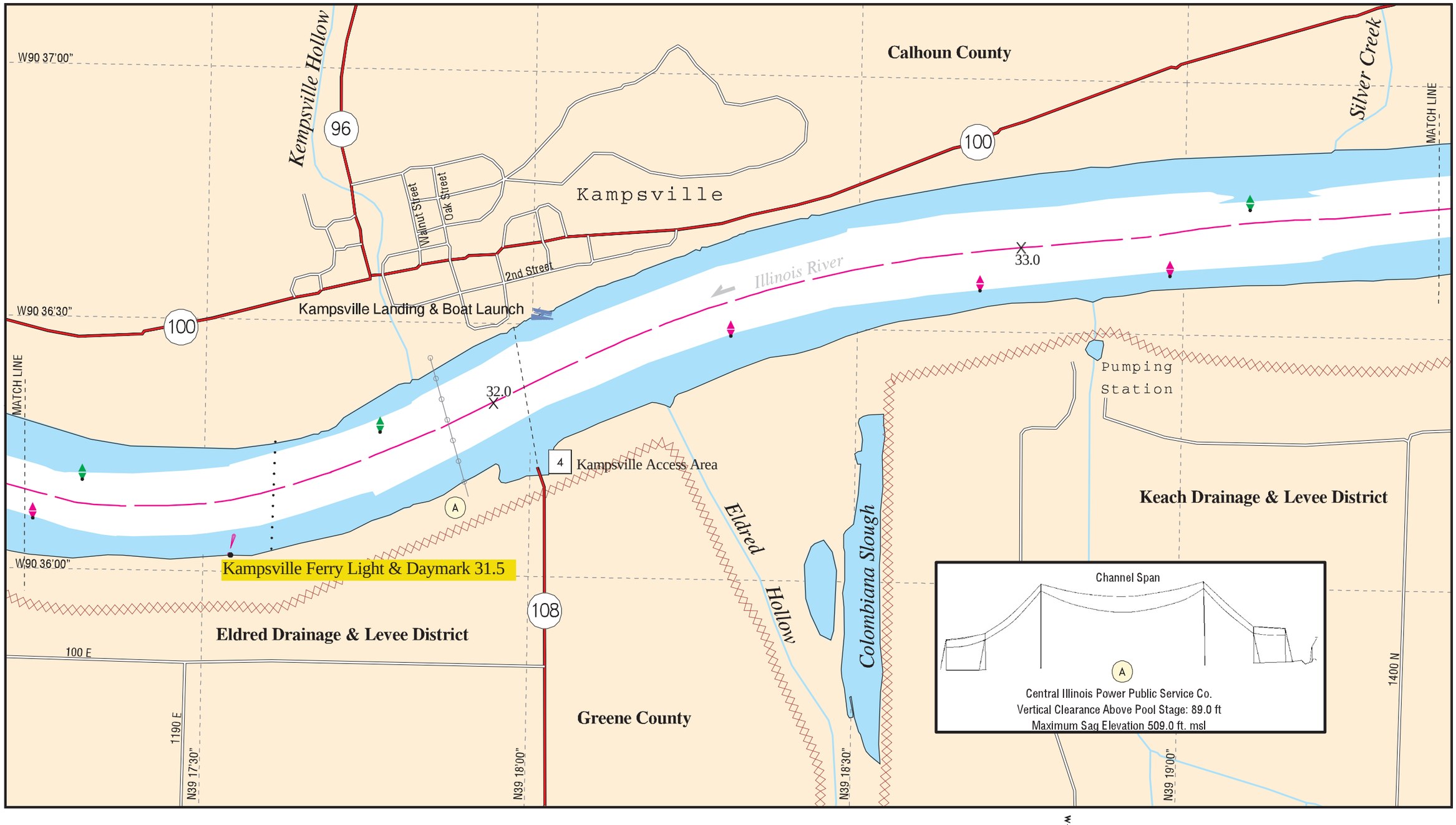
North Western Ave. Bridge
Horizontal Clearance: 95.0 ft.
Vertical Clearance Above Pool Stage: 18.1 ft.
Low Steel Elevation: 596.1

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 129

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 31.2 TO 33.7



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

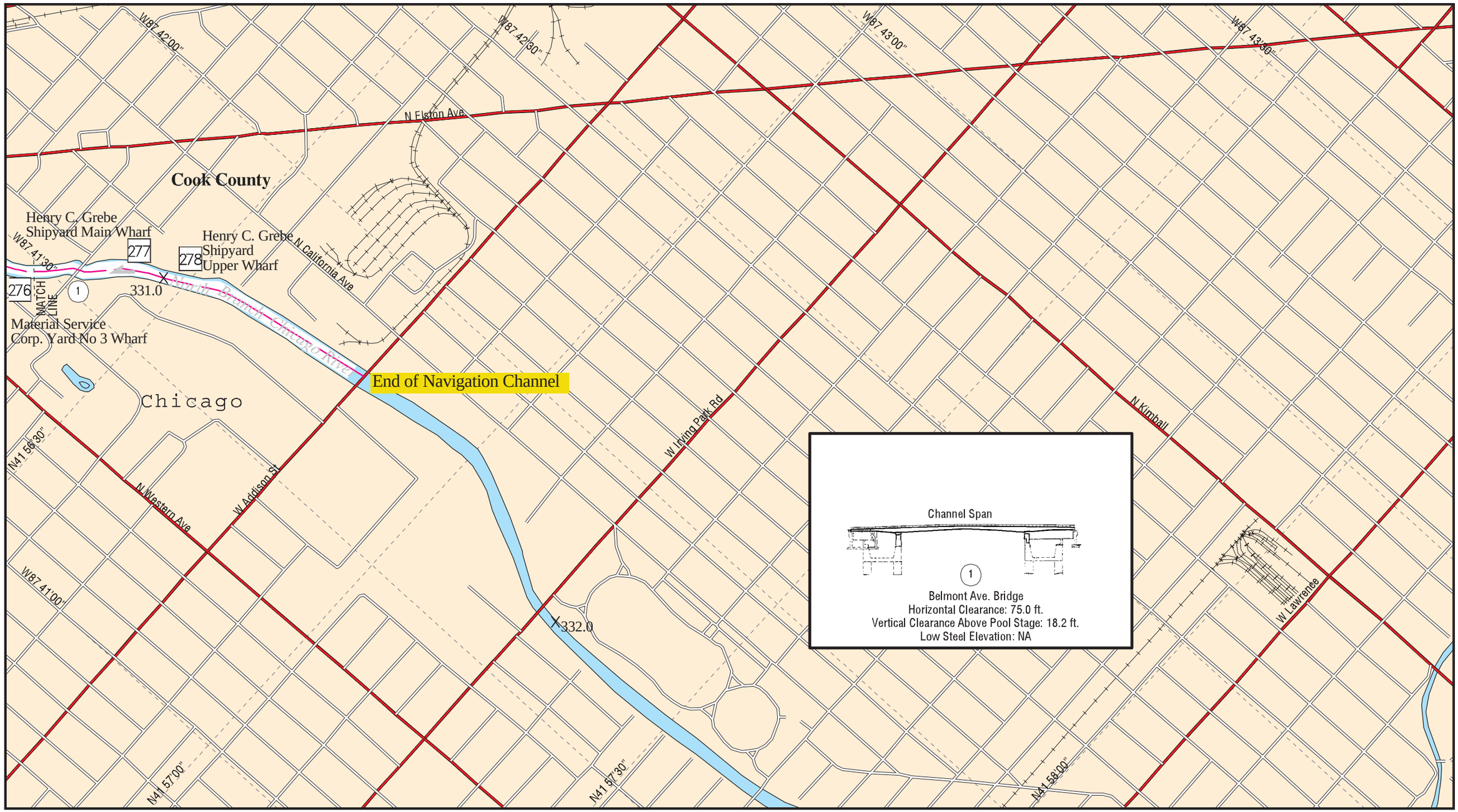
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W S N E

MAP NO. 13

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 330.7 TO 331.5



1998

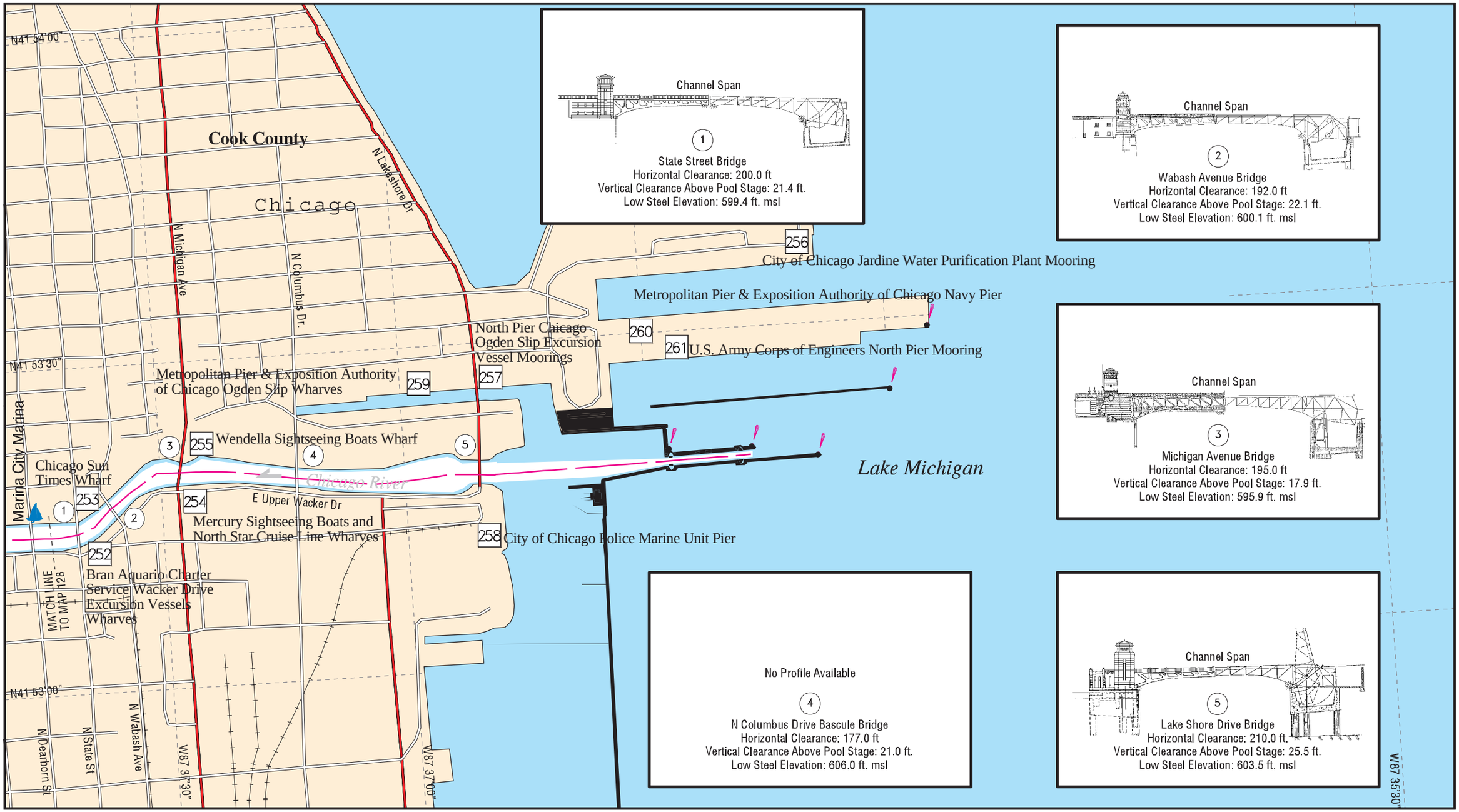
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 130

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 326.1 TO 326.7



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

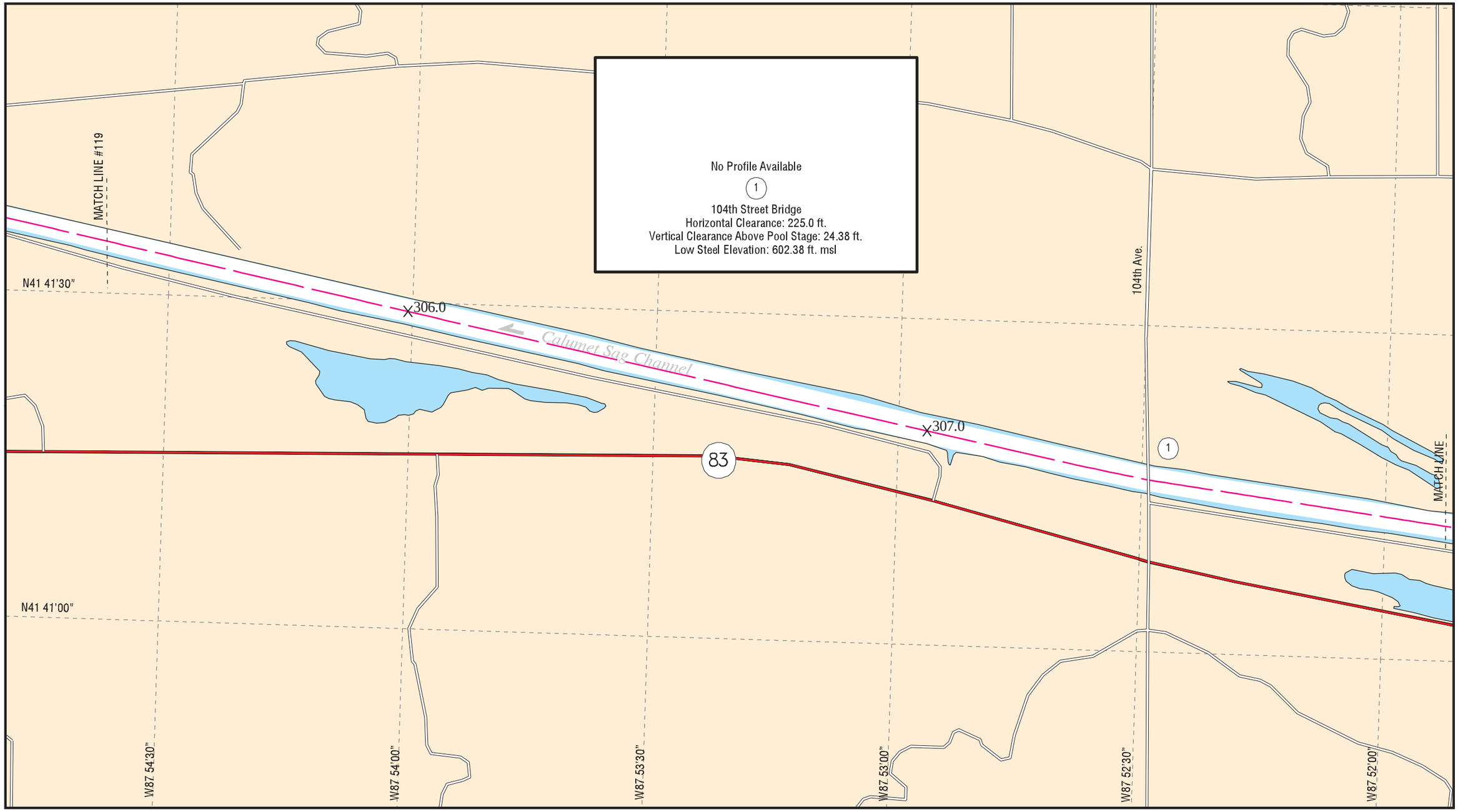
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 131

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 305.2 TO 307.9



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

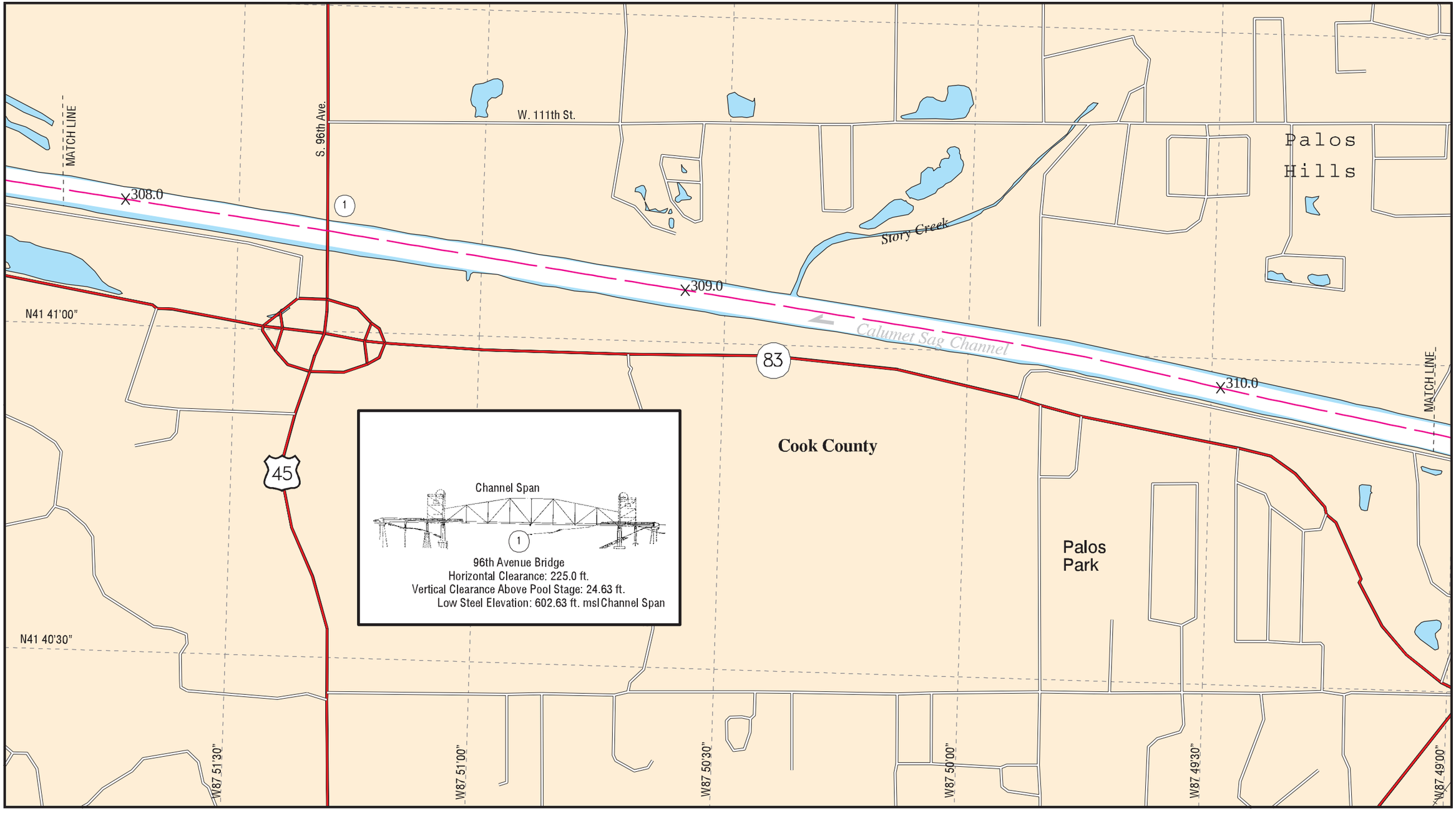
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 132

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 307.9 TO 310.2



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

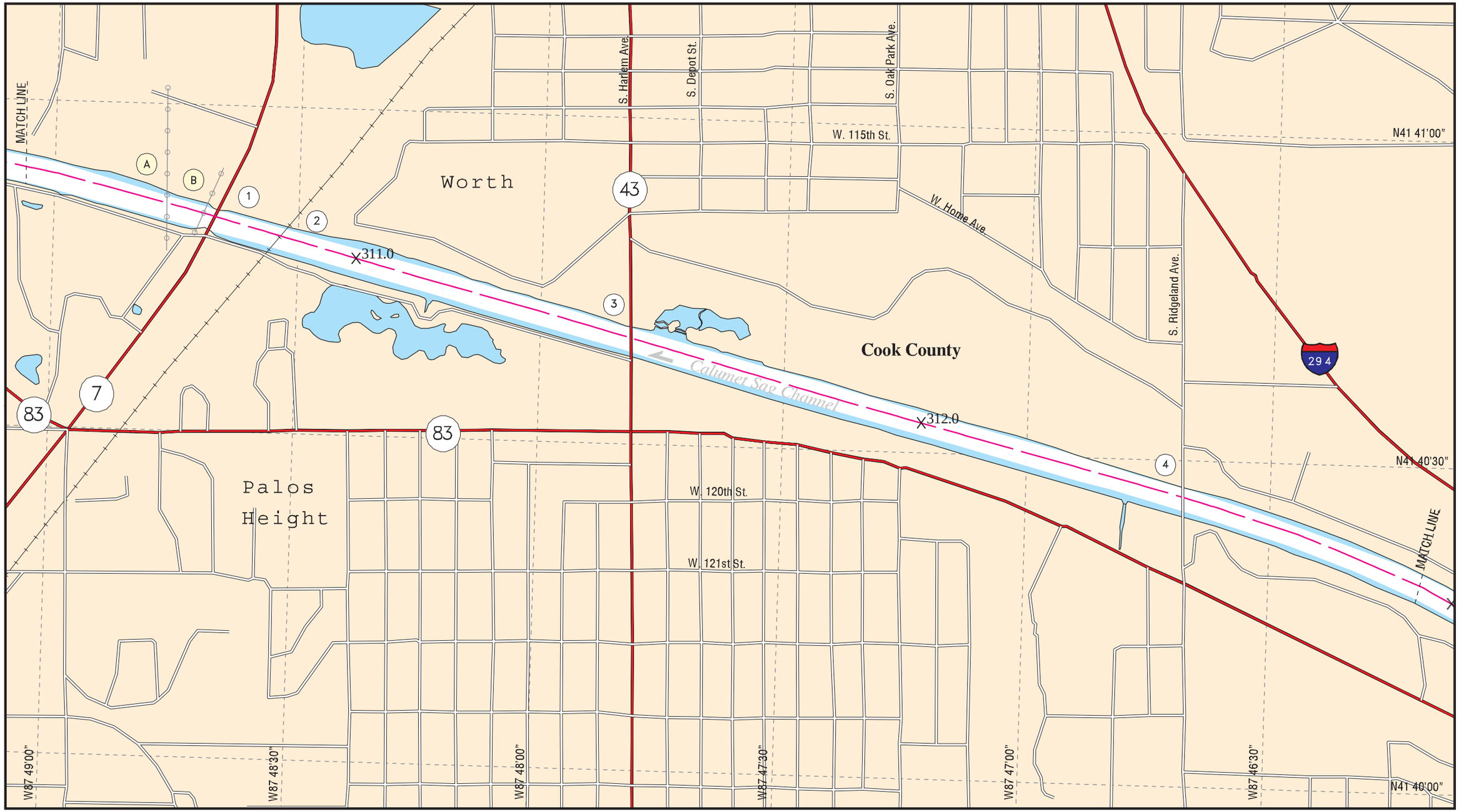
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 133

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 310.2 TO 313.0



1998

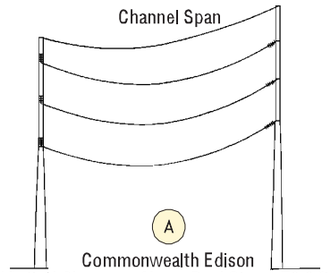
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

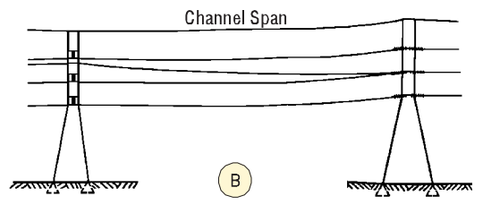
0 1150 2300 ft

N W E S

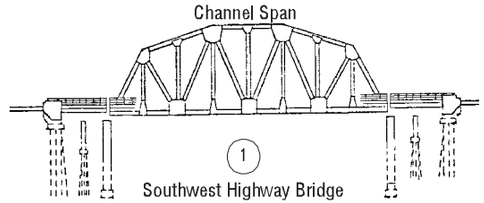
MAP NO. 134



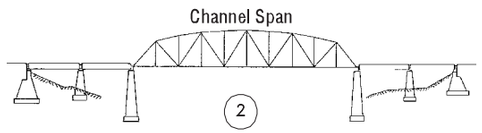
Commonwealth Edison
Vertical Clearance Above Pool Stage: 72.2 ft.
Maximum Sag Elevation: 650.2 ft. msl



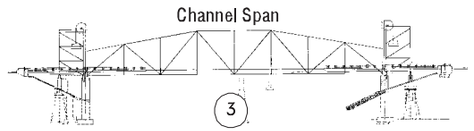
Commonwealth Edison
Vertical Clearance Above Pool Stage: 62.7 ft.
Maximum Sag Elevation: 640.7 ft. msl



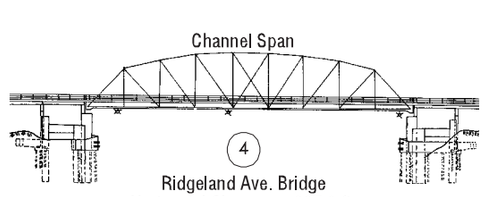
Southwest Highway Bridge
Horizontal Clearance: 188.5 ft.
Vertical Clearance Above Pool Stage: 26.4 ft.
Low Steel Elevation: 604.4 ft. msl



Norfolk Southern Railroad Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 43.1 ft.
Low Steel Elevation: 621.1 ft. msl



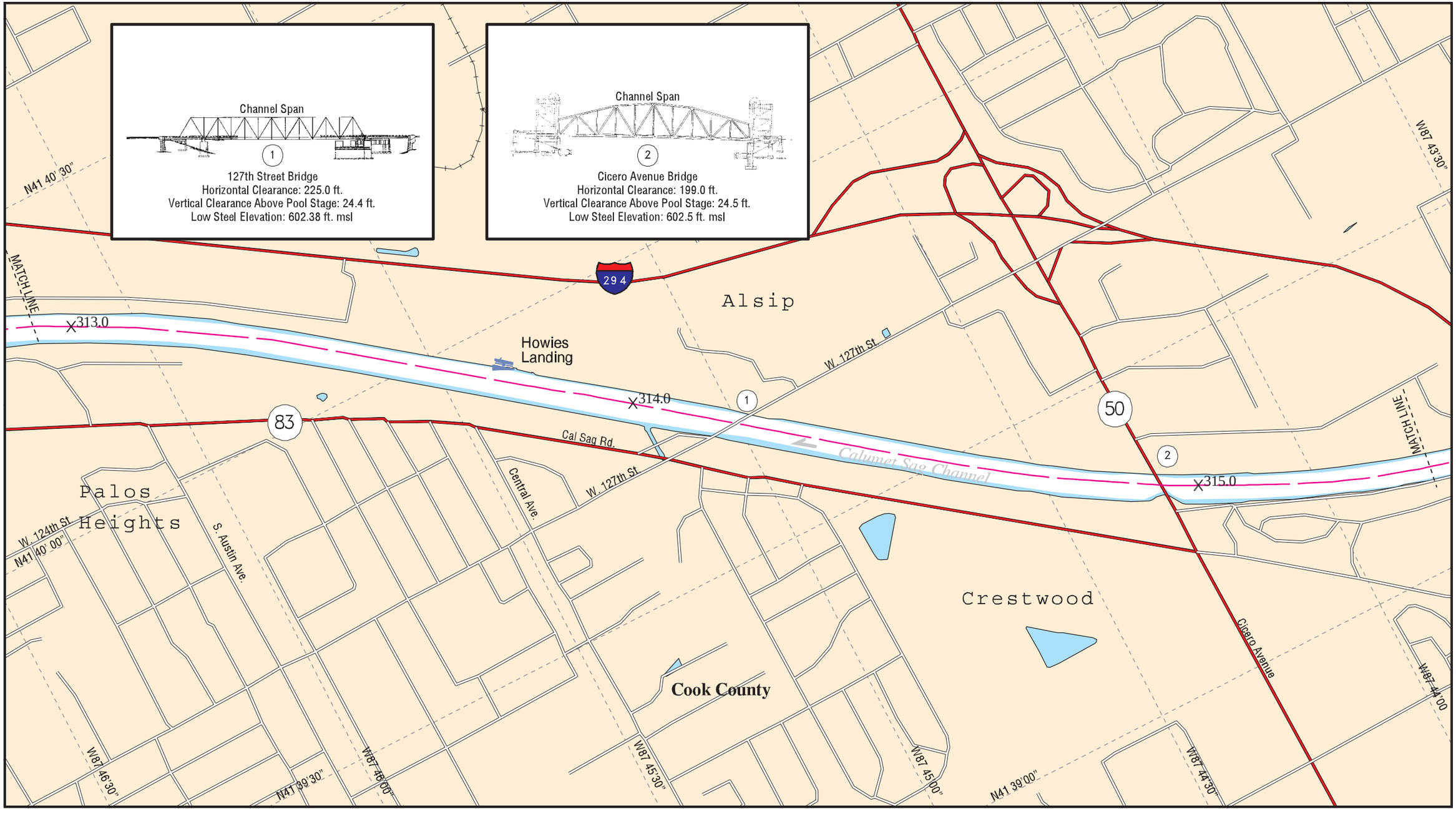
Harlem Ave. Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.4 ft.
Low Steel Elevation: 602.4 ft. msl



Ridgeland Ave. Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.4 ft.
Low Steel Elevation: 602.4 ft. msl

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 313.0 TO 315.4



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

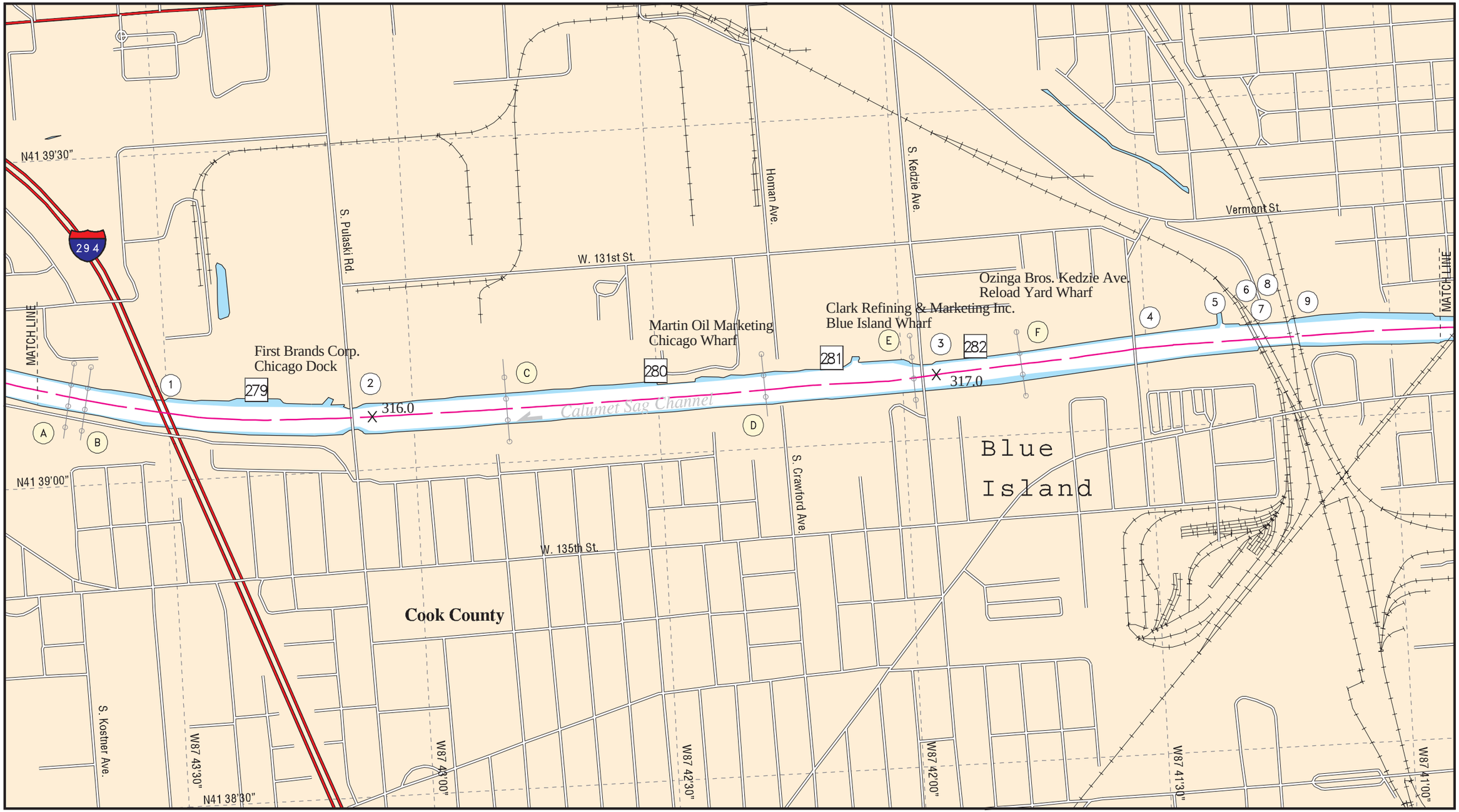
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N E S W

MAP NO. 135

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 315.4 TO 317.9



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 136

No Profile Available

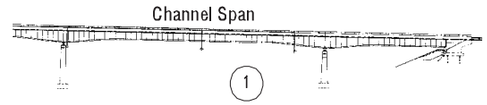
A

Commonwealth Edison
Vertical Clearance Above Pool Stage: 58.0 ft.
Maximum Sag Elevation: 636.0 ft. msl

No Profile Available

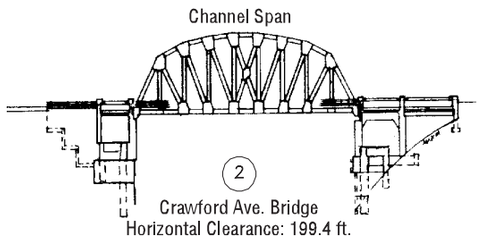
B

Commonwealth Edison
Vertical Clearance Above Pool Stage: 59.3 ft.
Maximum Sag Elevation: 637.3 ft. msl



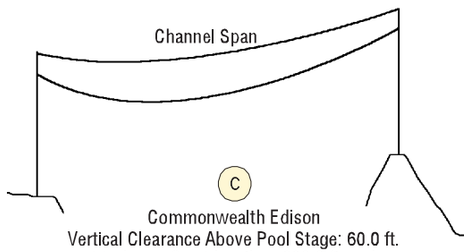
1

Northern Illinois Toll Highway Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 39.8 ft.
Low Steel Elevation: 617.8 ft. msl



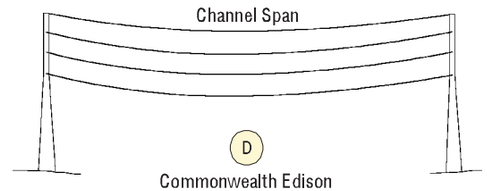
2

Crawford Ave. Bridge
Horizontal Clearance: 199.4 ft.
Vertical Clearance Above Pool Stage: 26.4 ft.
Low Steel Elevation: 604.4 ft. msl



C

Commonwealth Edison
Vertical Clearance Above Pool Stage: 60.0 ft.
Maximum Sag Elevation: 638.0 ft. msl



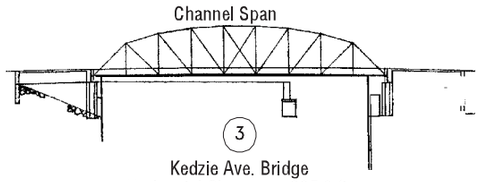
D

Commonwealth Edison
Vertical Clearance Above Pool Stage: 54.7 ft.
Maximum Sag Elevation: 632.7 ft. msl

No Profile Available

E

Commonwealth Edison
Vertical Clearance Above Pool Stage: 30.9 ft.
Maximum Sag Elevation: 608.9 ft. msl



3

Kedzie Ave. Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.4 ft.
Low Steel Elevation: 602.38 ft. msl

No Profile Available

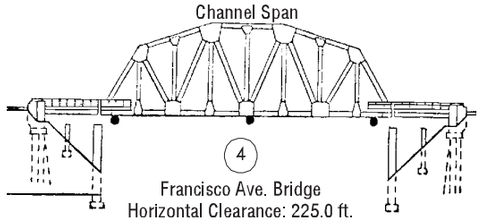
F

Commonwealth Edison
Vertical Clearance Above Pool Stage: 60.0 ft.
Maximum Sag Elevation: 638.0 ft. msl

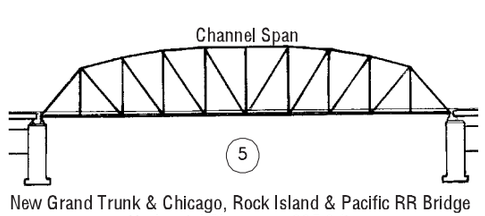
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

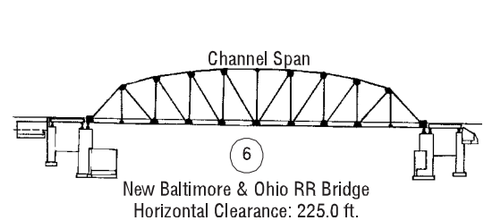
SUPPLEMENTAL TO MAP NO. 136



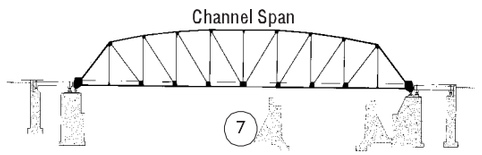
Francisco Ave. Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.4 ft.
Low Steel Elevation: 602.38 ft. msl



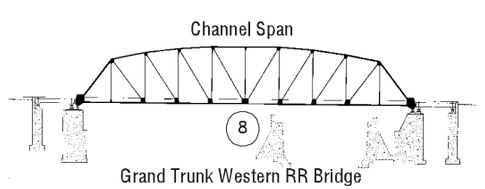
New Grand Trunk & Chicago, Rock Island & Pacific RR Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.4 ft.
Low Steel Elevation: 602.38 ft. msl



New Baltimore & Ohio RR Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.6 ft.
Low Steel Elevation: 602.38 ft. msl



Grand Trunk Western RR Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.6 ft.
Low Steel Elevation: 602.6 ft. msl



Grand Trunk Western RR Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.4 ft.
Low Steel Elevation: 602.4 ft. msl

No Profile Available

9

New Baltimore & Ohio RR Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.4 ft.
Low Steel Elevation: 602.4 ft. msl

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 317.9 TO 320.5

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

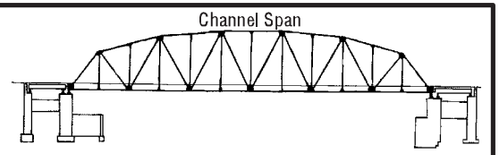
0 1150 2300 ft

N W E S

MAP NO. 137

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 317.9 TO 320.5

Channel Span



1

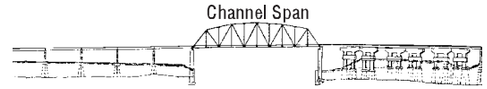
Iowa Interstate/CSX
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 26.2 ft.
Low Steel Elevation: 604.1 ft. msl

No Profile Available

2

New Western Avenue Highway Bridge
Horizontal Clearance: 226.5 ft.
Vertical Clearance Above Pool Stage: 44.8 ft.
Low Steel Elevation: 622.8 ft. msl

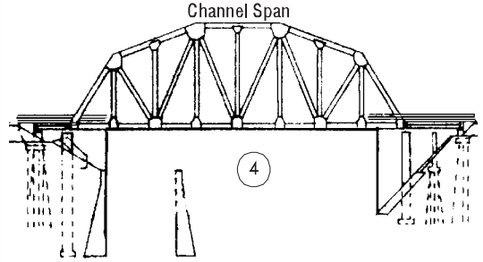
Channel Span



3

Chatham Street Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.6 ft.
Low Steel Elevation: 602.5 ft. msl

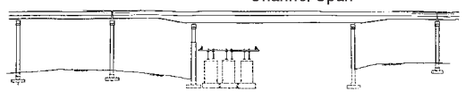
Channel Span



4

Division Street Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 24.6 ft.
Low Steel Elevation: 602.5 ft. msl

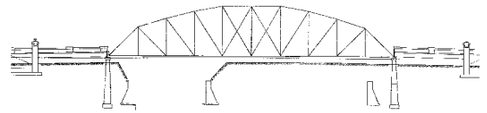
Channel Span



5

Dan Ryan Expressway (I-57) Bridge
Horizontal Clearance: 225.0 ft.
Vertical Clearance Above Pool Stage: 41.4 ft.
Low Steel Elevation: 619.3 ft. msl

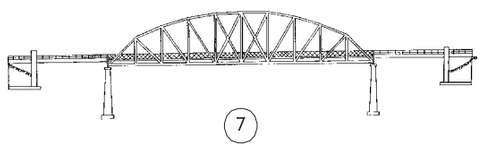
Channel Span



6

Ashland Avenue Bridge
Horizontal Clearance: 223.0 ft.
Vertical Clearance Above Pool Stage: 26.4 ft.
Low Steel Elevation: 604.4 ft. msl

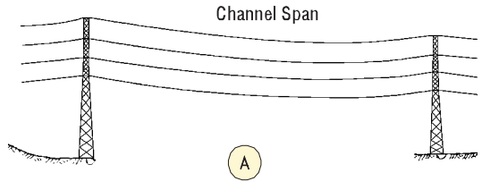
Channel Span



7

South Halsted Street Bridge
Horizontal Clearance: 226.1 ft.
Vertical Clearance Above Pool Stage: 24.4 ft.
Low Steel Elevation: 604.4 ft. msl

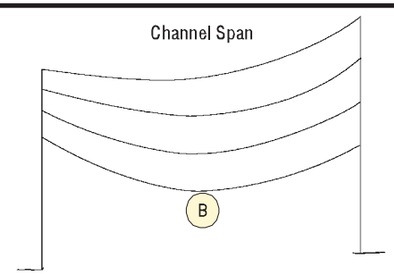
Channel Span



A

Commonwealth Edison
Vertical Clearance Above Pool Stage: 54.7 ft.
Maximum Sag Elevation: 632.7 ft. msl

Channel Span



B

Commonwealth Edison
Vertical Clearance Above Pool Stage: 43.0 ft.
Maximum Sag Elevation: 621.0 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 137

No Profile Available

C

Commonwealth Edison
Vertical Clearance Above Pool Stage: 68.66 ft.
Maximum Sag Elevation: 646.66 ft. msl

No Profile Available

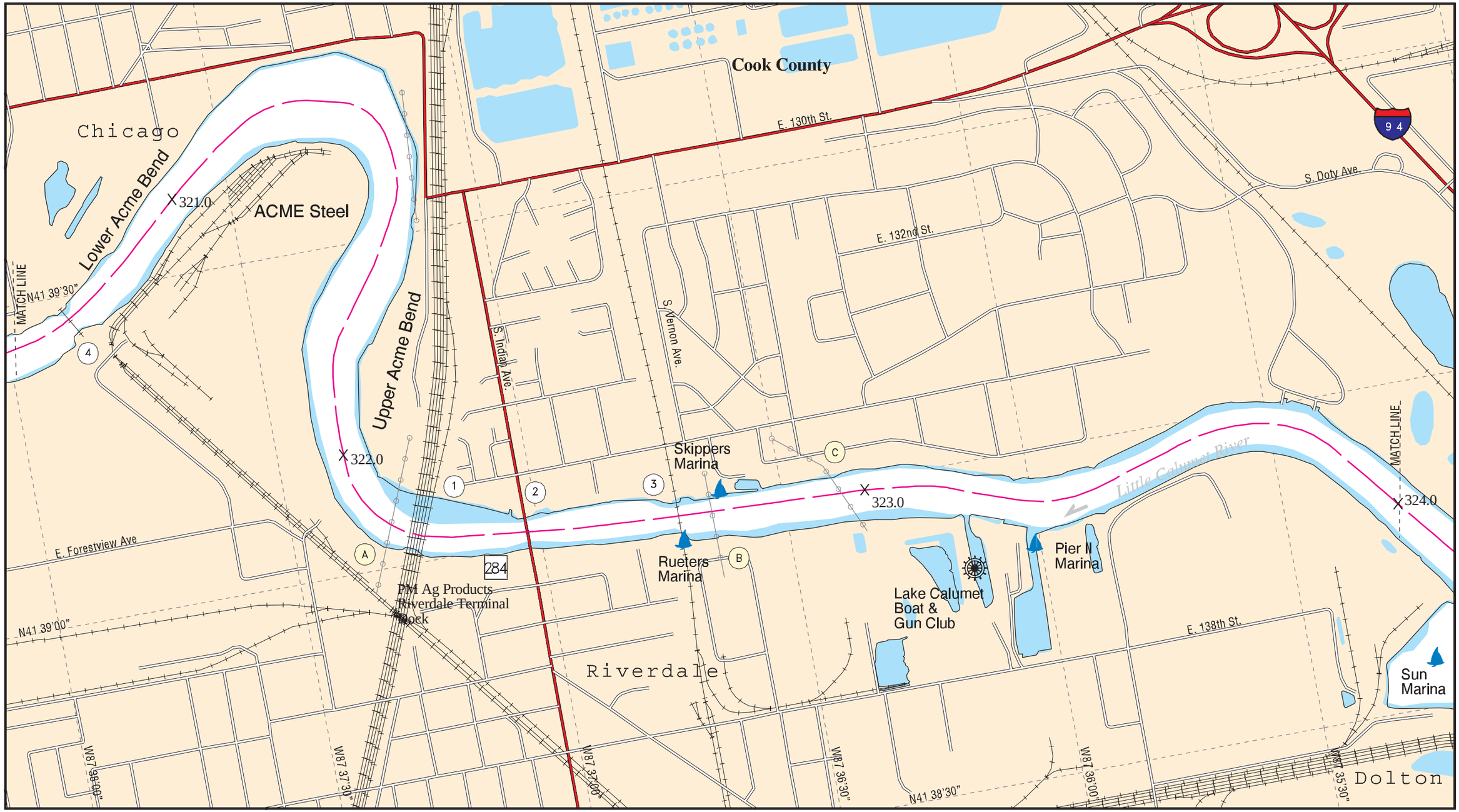
D

Commonwealth Edison
Vertical Clearance Above Pool Stage: 48.0 ft.
Maximum Sag Elevation: 626.0 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 320.5 TO 324.0



1998

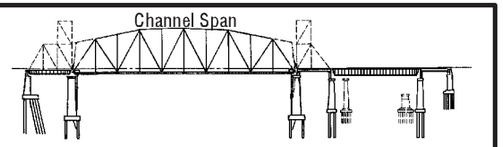
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

N W E S

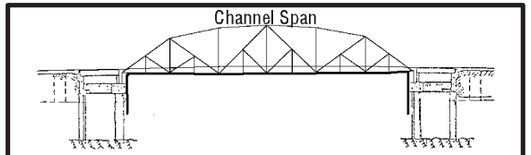
MAP REVISED MARCH 1999
REF. NAV. NOTICE IW99-04

MAP NO. 138



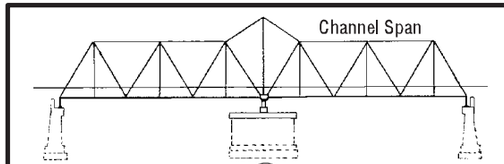
1

Illinois Central Railroad Bridge
Horizontal Clearance: 300.0 ft
Vertical Clearance Above Pool Stage: 25.0 ft.
Low Steel Elevation: 603.0 ft. msl



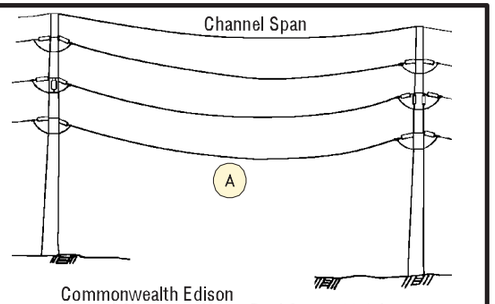
2

South Indiana Ave. Bridge
Horizontal Clearance: 250.0 ft
Vertical Clearance Above Pool Stage: 25.0 ft.
Low Steel Elevation: 603.0 ft. msl



3

(CWI) Indiana Harbor Belt
Horizontal Clearance: 250.0 ft
Vertical Clearance Above Pool Stage: 24.4 ft.
Low Steel Elevation: 602.4 ft. msl



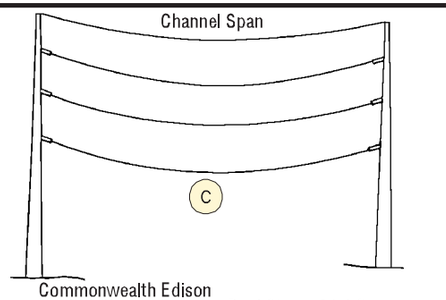
A

Commonwealth Edison
Vertical Clearance Above Pool Stage: 63.0 ft.
Maximum Sag Elevation: 641.0 ft. msl

No Profile Available

B

Commonwealth Edison
Vertical Clearance Above Pool Stage: 88.0 ft.
Maximum Sag Elevation: 666.0 ft. msl



C

Commonwealth Edison
Vertical Clearance Above Pool Stage: 64.4 ft.
Maximum Sag Elevation: 642.4 ft. msl

No Profile Available

4

Conrail Railroad Bridge
Abandoned
Horizontal Clearance: 250 ft.
Vertical Clearance Above Pool Stage: 24.0 ft.

MAP REVISED MARCH 1999
REF. NAV. NOTICE IW99-04

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 138

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 324.0 TO 328.0

MATCH LINE
324.0
W87°35'30"
Sun Marina
286
Jack Gray Transport Inc. Wharf
Little Calumet River
1
W87°35'00"
Fina Oil & Chemical Co. Calumet City Wharf
285
W87°34'30"
N41°38'00"
325.0
A
B
2
W87°34'00"
N41°38'30"
Riley's Marina
Croissant Yacht Club
Croissant Riverside Yacht Club
Grand Calumet River
W87°33'30"
N41°39'00"
W87°33'00"
S. Torrence Ave.
Calumet River
326.0
Sunset Harbor
Cook County
E. 134th St.
94
Scrap Corp of America Butler Dock
D
287
327.0
Thomas J. O'Brien Lock & Control Works
Turn Basin No.5
MATCH LINE TO #140
MATCH LINE TO #141
328.
5
C
4
3
288
LaFarge Corp. Chicago Terminal
289
Marsulex Chicago Customer Service Center Wharf
290
S.E.E. Terminal Wharf
291
Marathon Pipe Line Co. Calumet River Wharf
E. 130th St.
N41°40'00"
E. 127th St.
N41°39'30"

110'
Upper Pool Elevation 579.18'
Lower Pool Elevation 578.18'
561.38
El 586.88
El 551.88'

O'BRIEN LOCK
Elevation Looking Upstream

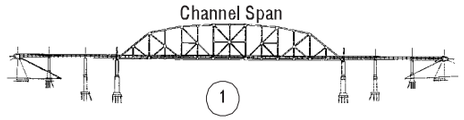
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

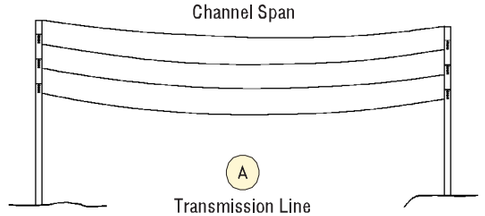
Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP REVISED APRIL 1999
REF. NAV. NOTICE IW99-04

MAP NO. 139



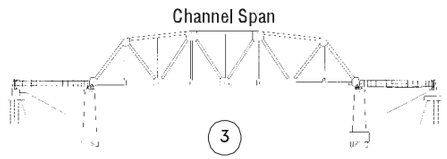
I-94 Bridge
Horizontal Clearance: 250.0 ft.
Vertical Clearance Above Pool Stage: 39.0 ft.
Low Steel Elevation: 617.0 ft. msl



Transmission Line
Vertical Clearance Above Pool Stage: NA
Maximum Sag Elevation: NA

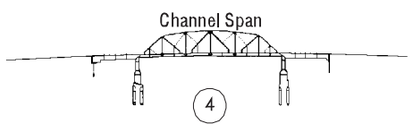
No Profile Available
B
Overhead Pipeline
Vertical Clearance Above Pool Stage: 25.0 ft.
Maximum Sag Elevation: 603.0 ft. msl

No Profile Available
2
ConRail Railroad Bridge
Horizontal Clearance: 250.0 ft.
Vertical Clearance Above Pool Stage: 24.6 ft.
Low Steel Elevation: 602.6 ft. msl



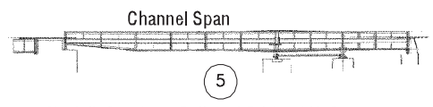
Chicago South Shore & South Bend Railroad Bridge
Horizontal Clearance: 250.0 ft.
Vertical Clearance Above Pool Stage: 25.53 ft.
Low Steel Elevation: 607.53 ft. msl

No Profile Available
C
Overhead Cable
Vertical Clearance Above Pool Stage: 121.0 ft.
Maximum Sag Elevation: 699.0 ft. msl



East 130th Street Bridge
Horizontal Clearance: 219.0 ft.
Vertical Clearance Above Pool Stage: 29.4 ft.
Low Steel Elevation: 607.4 ft. msl

No Profile Available
D
Commonwealth Edison
Vertical Clearance Above Pool Stage: 49.4 ft.
Maximum Sag Elevation: 627.4 ft. msl



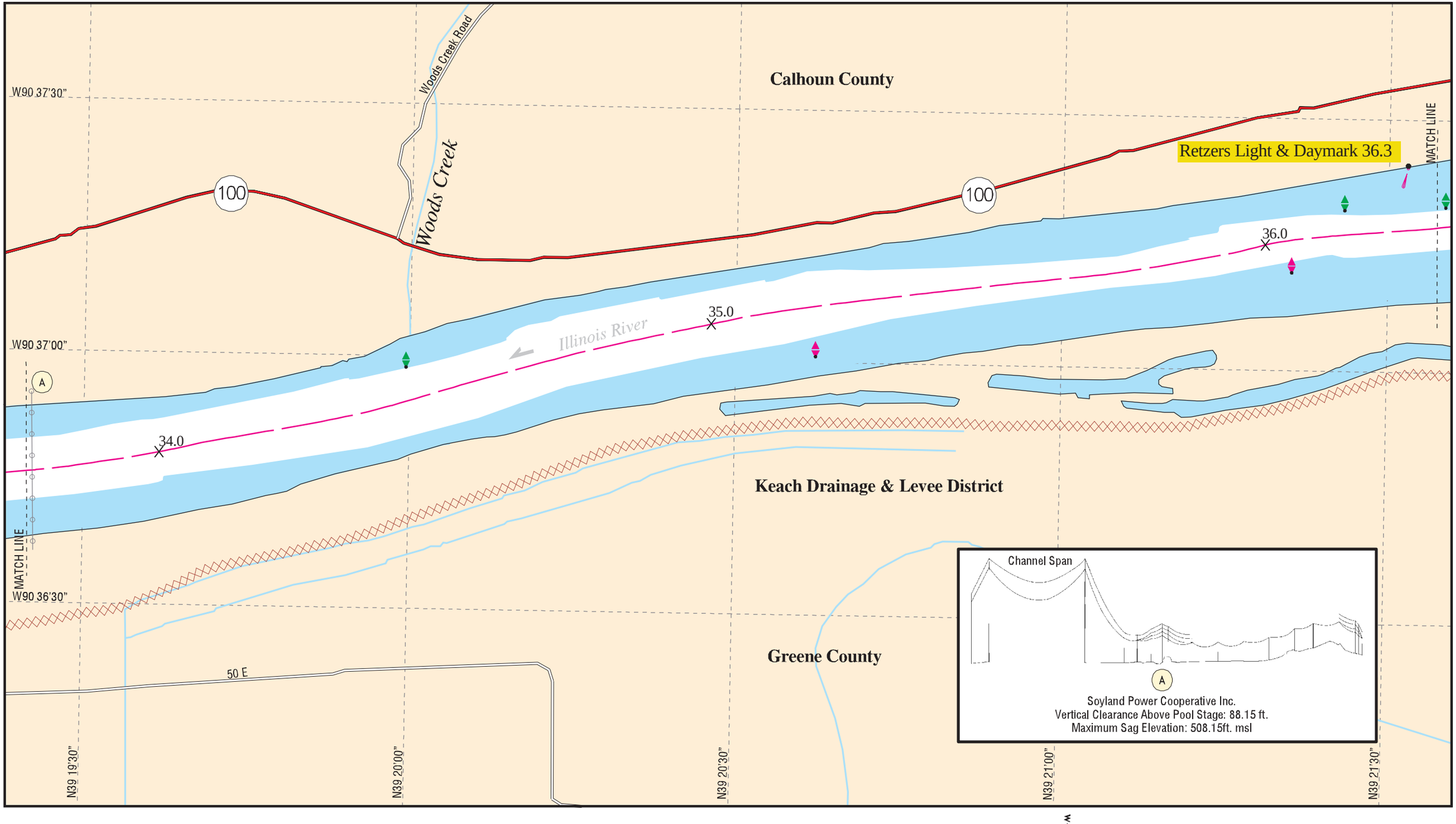
Norfolk Southern Railroad Bridge-Lift Span
Horizontal Clearance: 200.0 ft.
Vertical Clearance Above Pool Stage: 125.0 ft. (Open)
Vertical Clearance Above Pool Stage: 24.0 ft. (Closed)
Low Steel Elevation: 704.0 ft. msl (Open)
Low Steel Elevation: 602.0 ft. msl (Closed)

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 139

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 33.7 TO 36.5



1998

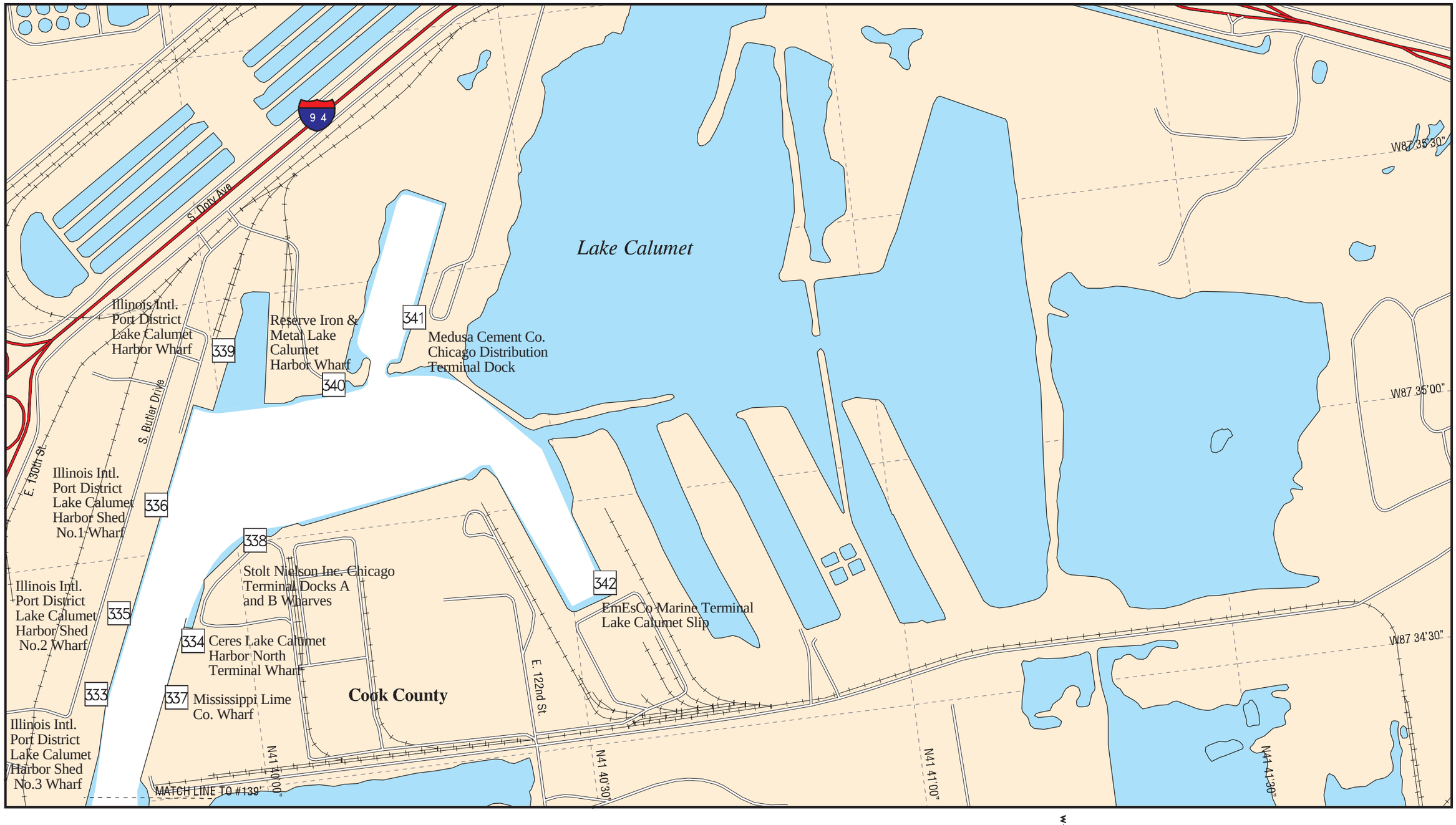
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 14

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 327.1 TO 327.3



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

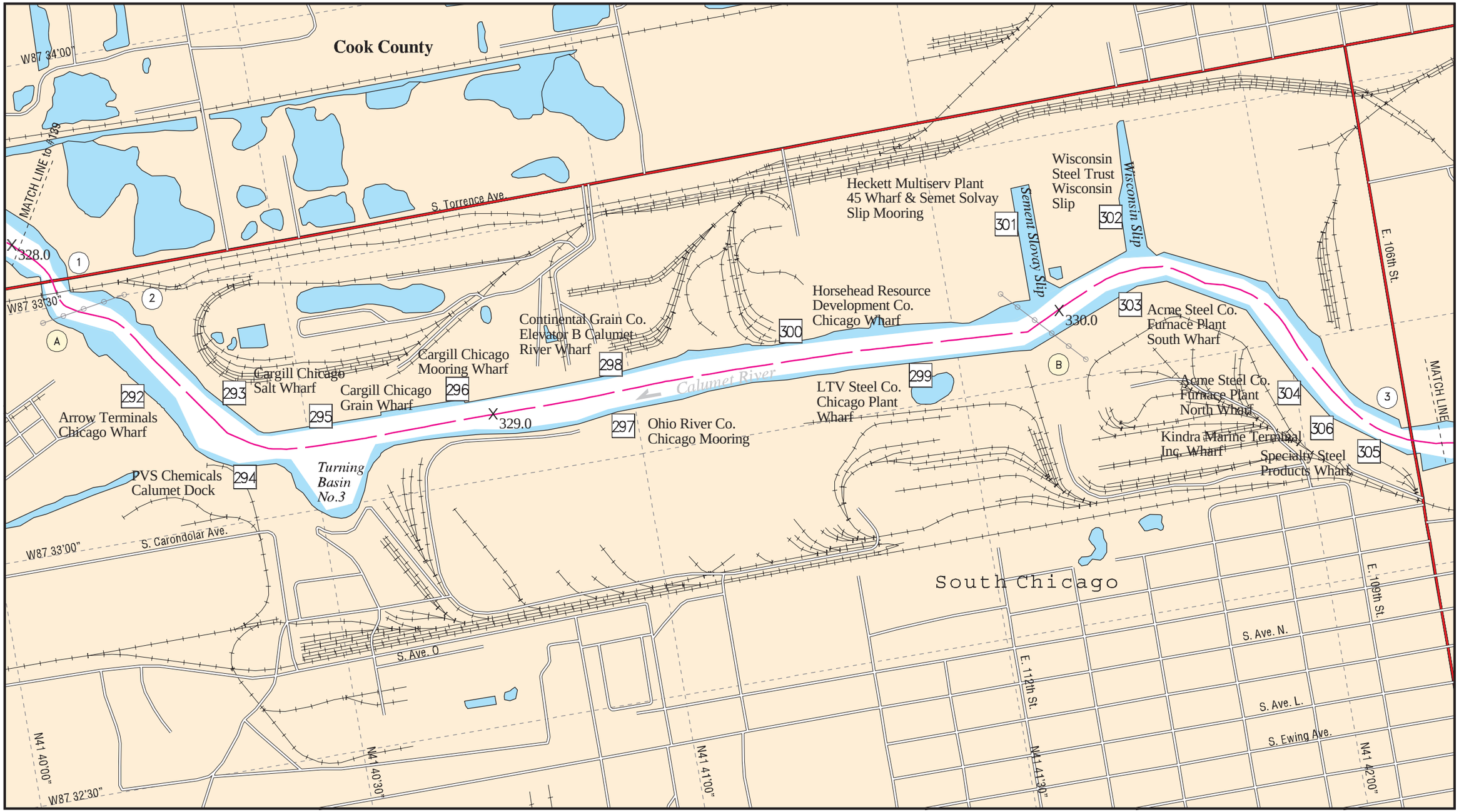
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W N S E

MAP NO. 140

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 328.0 TO 330.9



1998

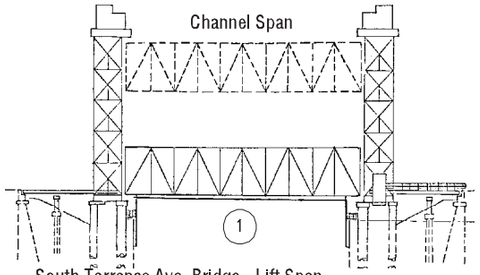
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

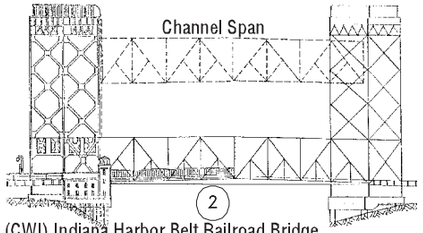
0 1150 2300 ft

W N S E

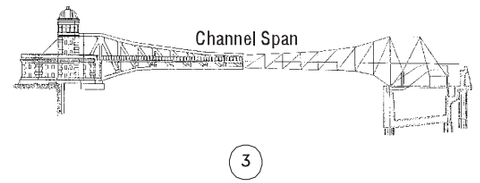
MAP NO. 141



South Torrence Ave. Bridge - Lift Span
Horizontal Clearance: 200.0 ft.
Vertical Clearance Above Pool Stage: 126.0 ft. (Open)
Vertical Clearance Above Pool Stage: 24.0 ft. (Closed)
Low Steel Elevation: 704.0 ft. msl (Open)
Low Steel Elevation: 602.0 ft. msl (Closed)



(CWI) Indiana Harbor Belt Railroad Bridge
Horizontal Clearance: 200.0 ft
Vertical Clearance Above Pool Stage: 125.0 ft.(Open)
Vertical Clearance Above Pool Stage: 22.0 ft. (Closed)
Low Steel Elevation: 703.0 ft. msl (Open)
Low Steel Elevation: 600.0 ft. msl (Closed)

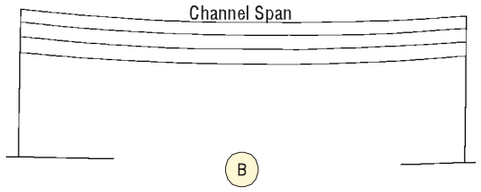


East 106th Street Bridge
Horizontal Clearance: 166.0 ft.
Vertical Clearance Above Pool Stage: 19.0 ft
Low Steel Elevation: 607.0 ft. msl

No Profile Available

A

Commonwealth Edison
Vertical Clearance Above Pool Stage: 148.0 ft.
Maximum Sag Elevation: 726.0 ft. msl



Commonwealth Edison
Vertical Clearance Above Pool Stage: 156.0 ft.
Maximum Sag Elevation: 734.0 ft. msl

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 330.9 TO 333.5

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

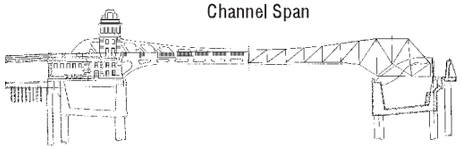
0 1150 2300 ft

MAP REVISED MARCH 1999
REF. NAV NOTICE IW99-04

MAP NO. 142

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 330.9 TO 333.5

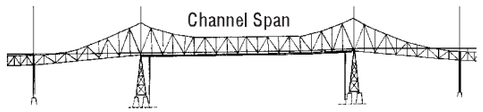
Channel Span



1

East 100th Street Bridge
Horizontal Clearance: 186.0 ft.
Vertical Clearance Above Pool Stage: 18.7 ft.
Low Steel Elevation: 596.7 ft. msl

Channel Span



2

I-90 Chicago Skyway Toll Bridge
Horizontal Clearance: 200.0 ft.
Vertical Clearance Above Pool Stage: 125.0 ft.
Low Steel Elevation: 703.0 ft. msl

No Profile Available

3

ConRail Railroad Bridge - Lift Span
Horizontal Clearance: 138.2 ft.
Vertical Clearance Above Pool Stage: 120.0 ft. (Open)
Vertical Clearance Above Pool Stage: 23.1 ft. (Closed)
Low Steel Elevation: 698.0 ft. msl (Open)
Low Steel Elevation: 601.1 ft. msl (Closed)

No Profile Available

4

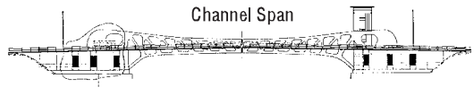
ConRail Railroad Bridge - Lift Span
Horizontal Clearance: 138.2 ft.
Vertical Clearance Above Pool Stage: 120.0 ft. (Open)
Low Steel Elevation: 698.0 ft. msl (Open)
** Bridge Permanently Open

No Profile Available

5

ConRail Railroad Bridge - Lift Span
Horizontal Clearance: 138.2 ft.
Vertical Clearance Above Pool Stage: 120.0 ft. (Open)
Low Steel Elevation: 698.0 ft. msl (Open)
** Bridge Permanently Open

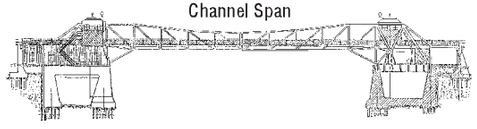
Channel Span



6

95th Street Bridge
Horizontal Clearance: 204.0 ft.
Vertical Clearance Above Pool Stage: 23.7 ft. (Closed)
Low Steel Elevation: 601.7 ft. msl (Closed)

Channel Span



7

92nd Street Bridge
Horizontal Clearance: 180.0 ft.
Vertical Clearance Above Pool Stage: 18.4 ft. (Closed)
Low Steel Elevation: 596.4 ft. msl (Closed)

No Profile Available

8

Elgin, Joliet & Eastern RR Bridge - Lift Span
Horizontal Clearance: 209.0 ft.
Vertical Clearance Above Pool Stage: 125.0 ft. (Open)
Vertical Clearance Above Pool Stage: 7.3 ft. (Closed)
Low Steel Elevation: 703.0 ft. msl (Open)
Low Steel Elevation: 585.3 ft. msl (Closed)

No Profile Available

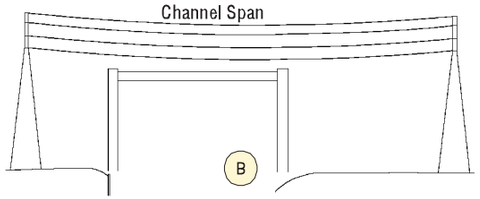
A

Overhead Pipeline & Conveyor Bridge
Horizontal Clearance: NA
Vertical Clearance Above Pool Stage: 130.0 ft.
Low Steel Elevation: 708.0 ft. msl

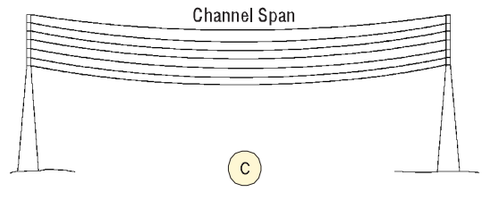
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 142



Commonwealth Edison
Vertical Clearance Above Pool Stage: 156.0 ft.
Maximum Sag Elevation: 734.0 ft. msl



Commonwealth Edison
Vertical Clearance Above Pool Stage: 146.0 ft.
Maximum Sag Elevation: 724.0 ft. msl

BARGE FACILITIES

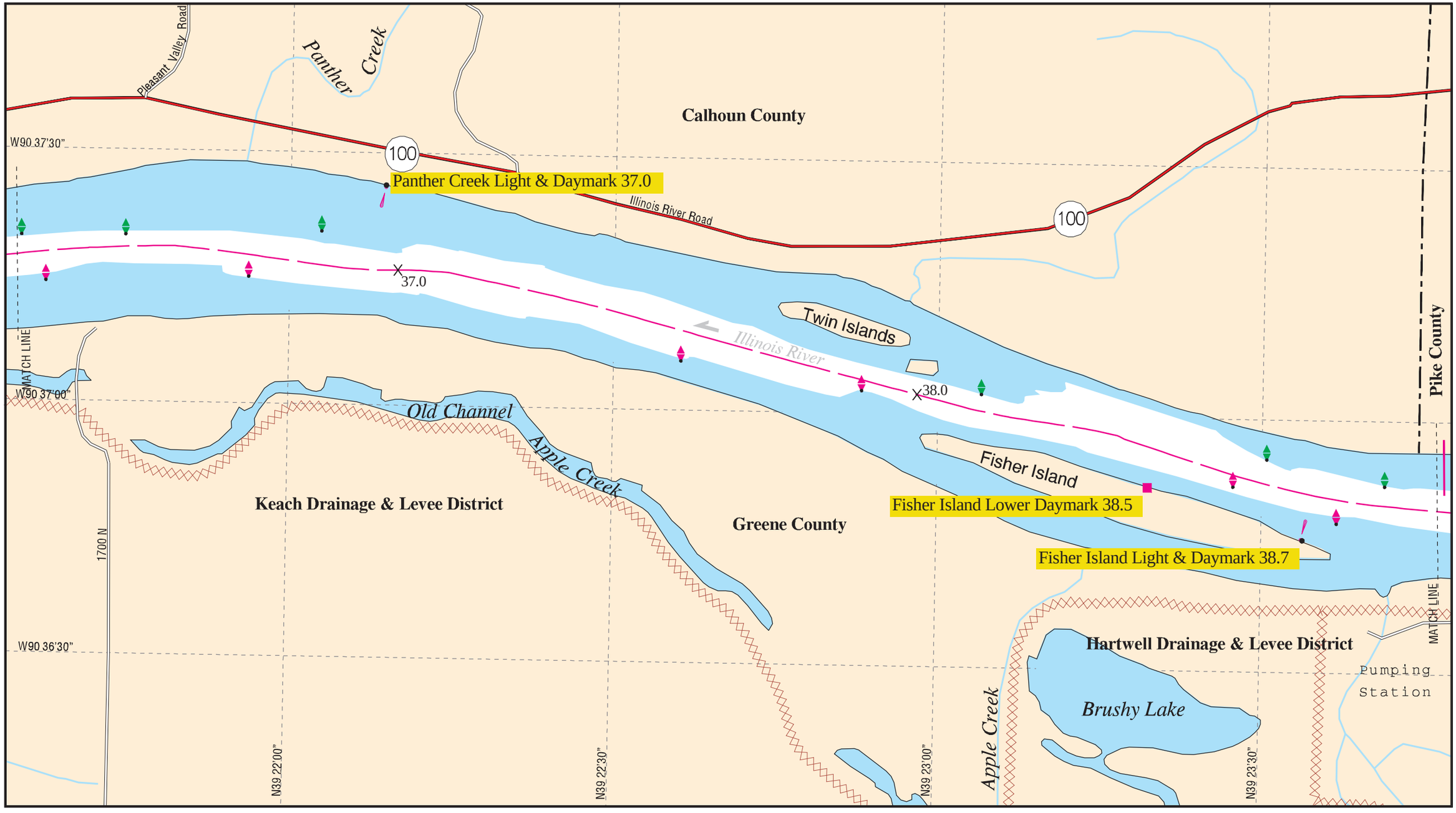
307 George J. Beemsterboer Slag & Ballast Wharves
308 Marblehead Lime Co. South Wharf
309 Beelman River Terminals Inc. Wharf
311 General Mills Rialto Grain Elev. Wharf
312 Steelmet Slip No.3 Wharf
313 Marblehead Lime Co. North Wharf
314 Beelman River Terminals Inc. Wharf
315 KCBX Terminals Co. Loading Wharf
316 S.H. Bell Co. Chicago Terminal Barge Wharves
317 KCBX Terminals Co. Barge Unloading Slip
318 S.H. Bell Co. Chicago Terminal North Slip
319 S.H. Bell Co. Chicago Terminal South Slip
320 Morton Salt Calumet River Wharf
321 Kindra Lake Towing Slip
322 Metal Management Inc. Calumet River Wharf
323 Holnam Calumet River Wharf
324 Federal Marine Terminals South Wharf
325 Federal Marine Terminals North Wharves
326 K Terminal Co. Calumet River Wharf
327 Great Lakes Towing Co. Calumet River Dock
328 North American Salt Co. Chicago Plant Wharf
329 General Marine Towing Ewing Ave. Yard Wharves
330 City of Chicago Ewing Avenue Dock
331 Metal Management Inc. Scrap Processing Wharf
343 U.S. Army Corps of Engineers Calumet Harbor dock
347 Illinois Intl. Port District Iroquois Landing Wharf
348 U.S. Army Corps of Engineers Calumet Harbor Stone Dock
350 U.S. Army Corps of Engineers Calumet Harbor Suboffice Dock

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 142

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 36.5 TO 38.9



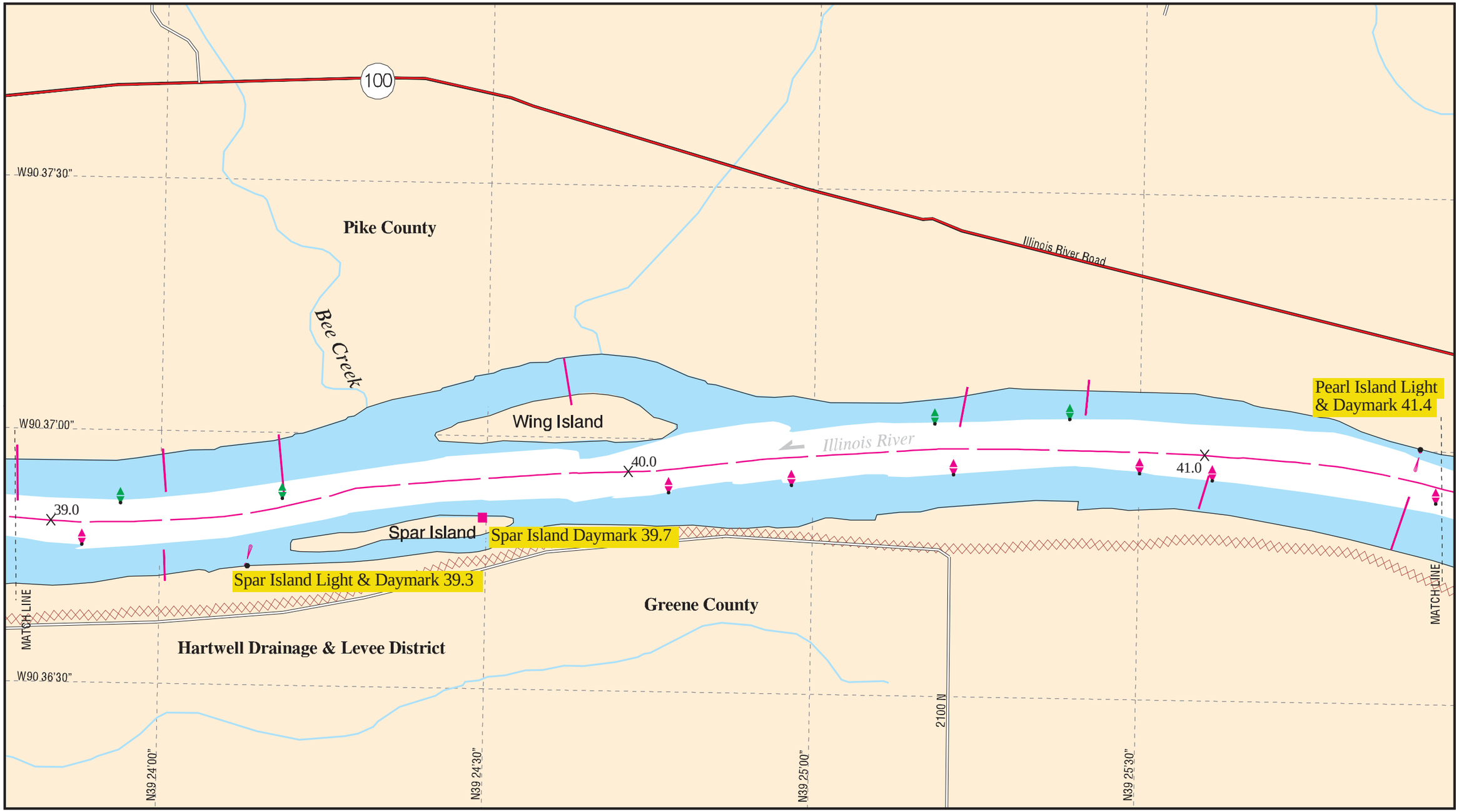
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 15

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 38.9 TO 41.6



1998

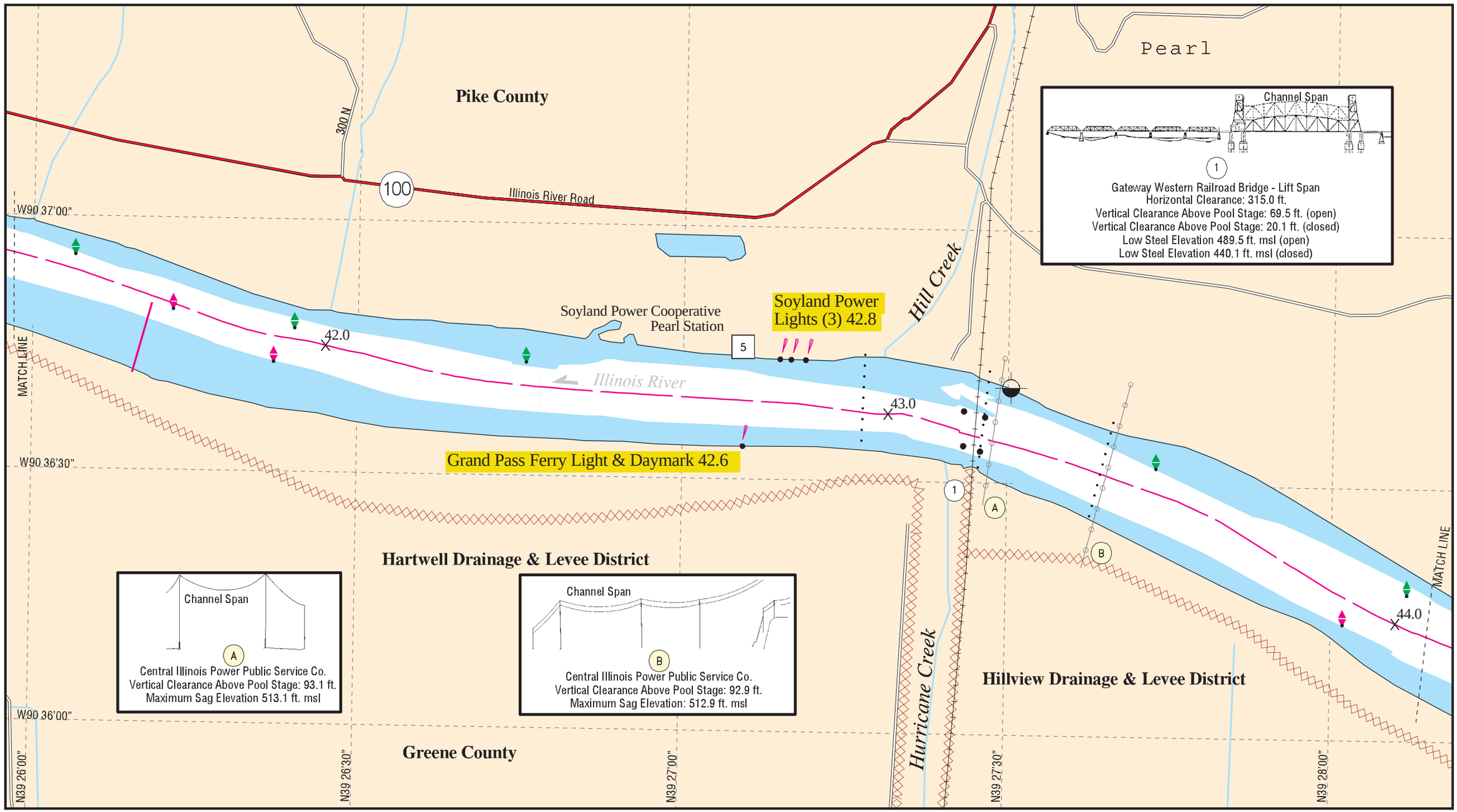
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 16

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 41.4 TO 44.0



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

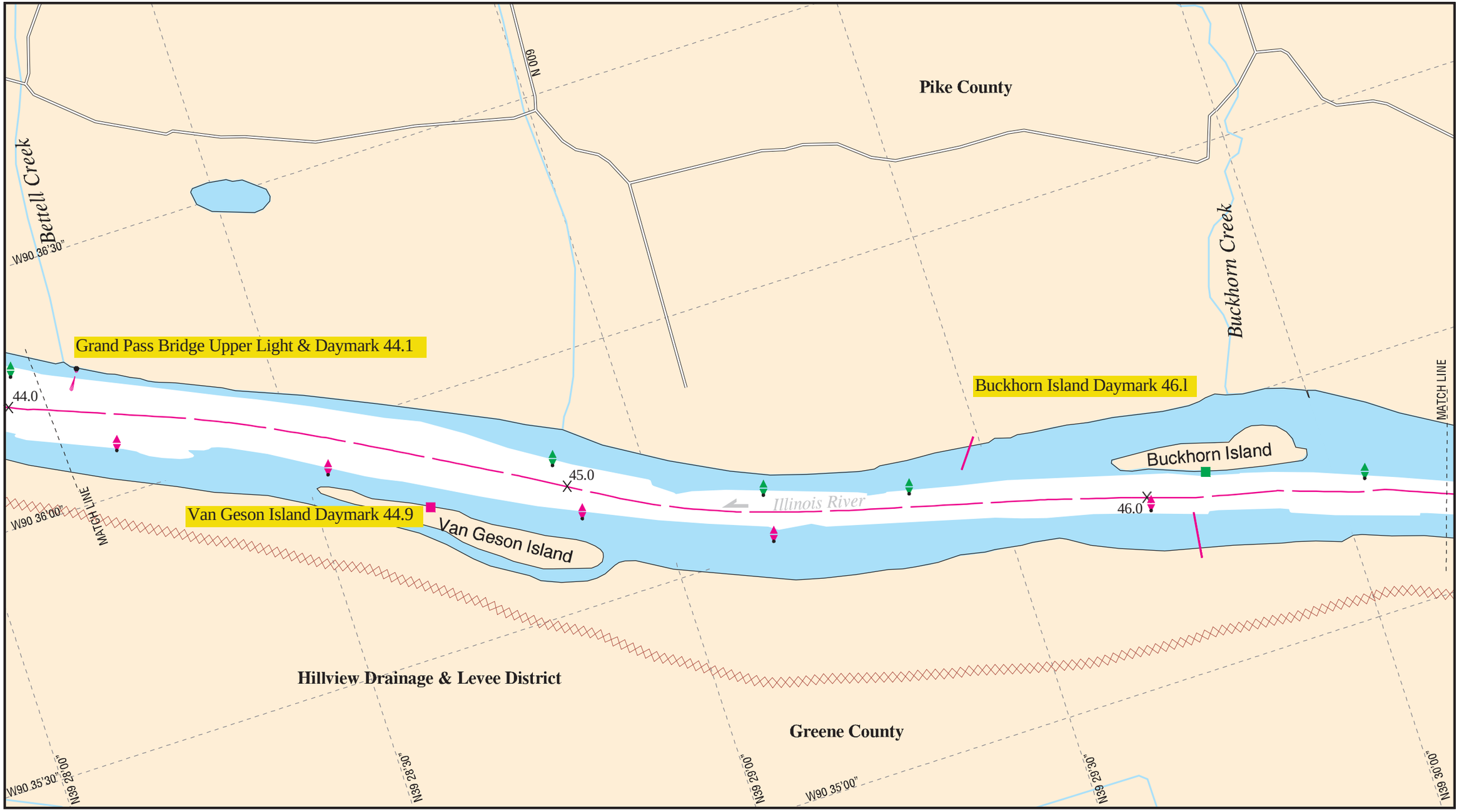
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W S N E

MAP NO. 17

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 44.0 TO 46.6



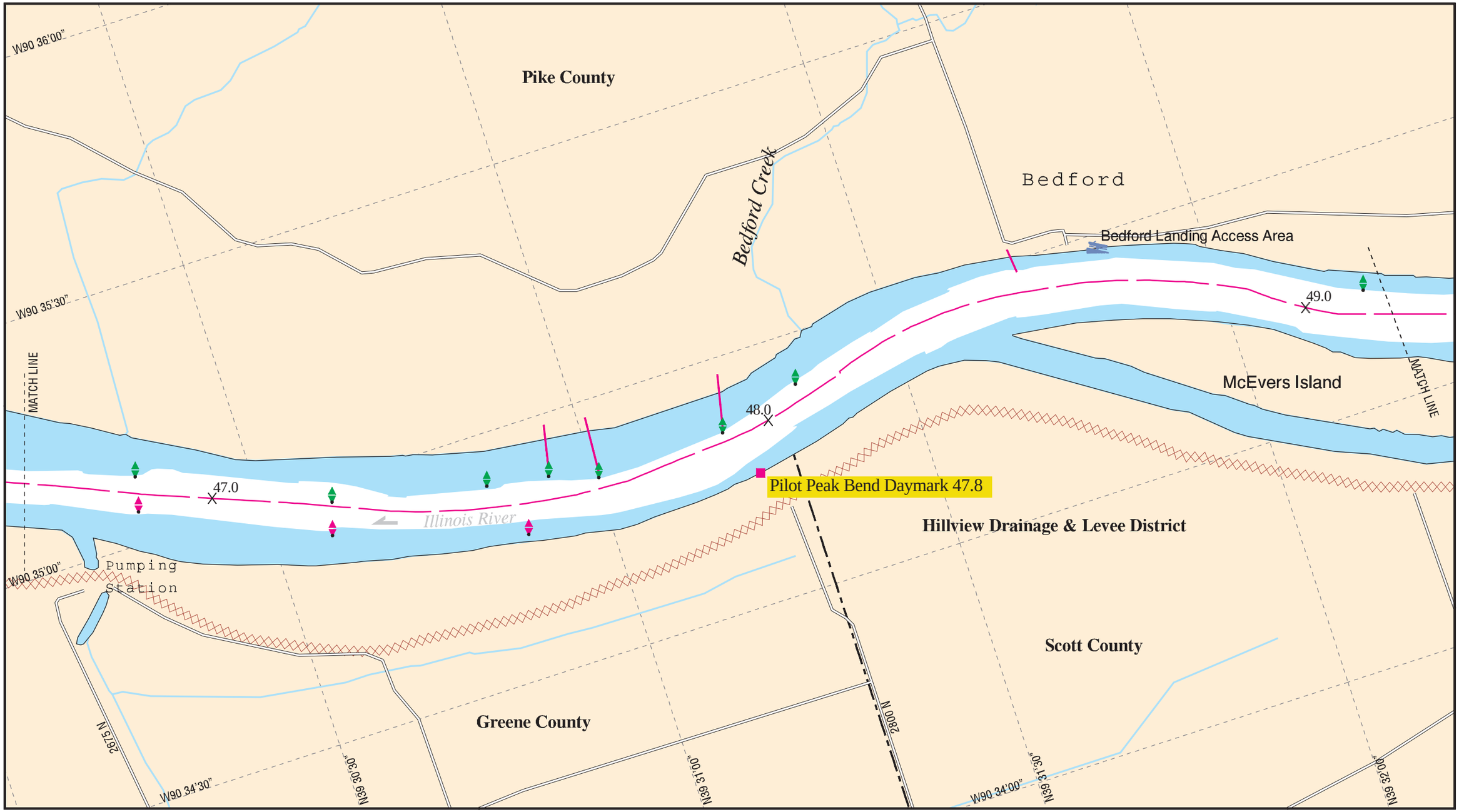
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 18

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 46.6 TO 49.2



1998

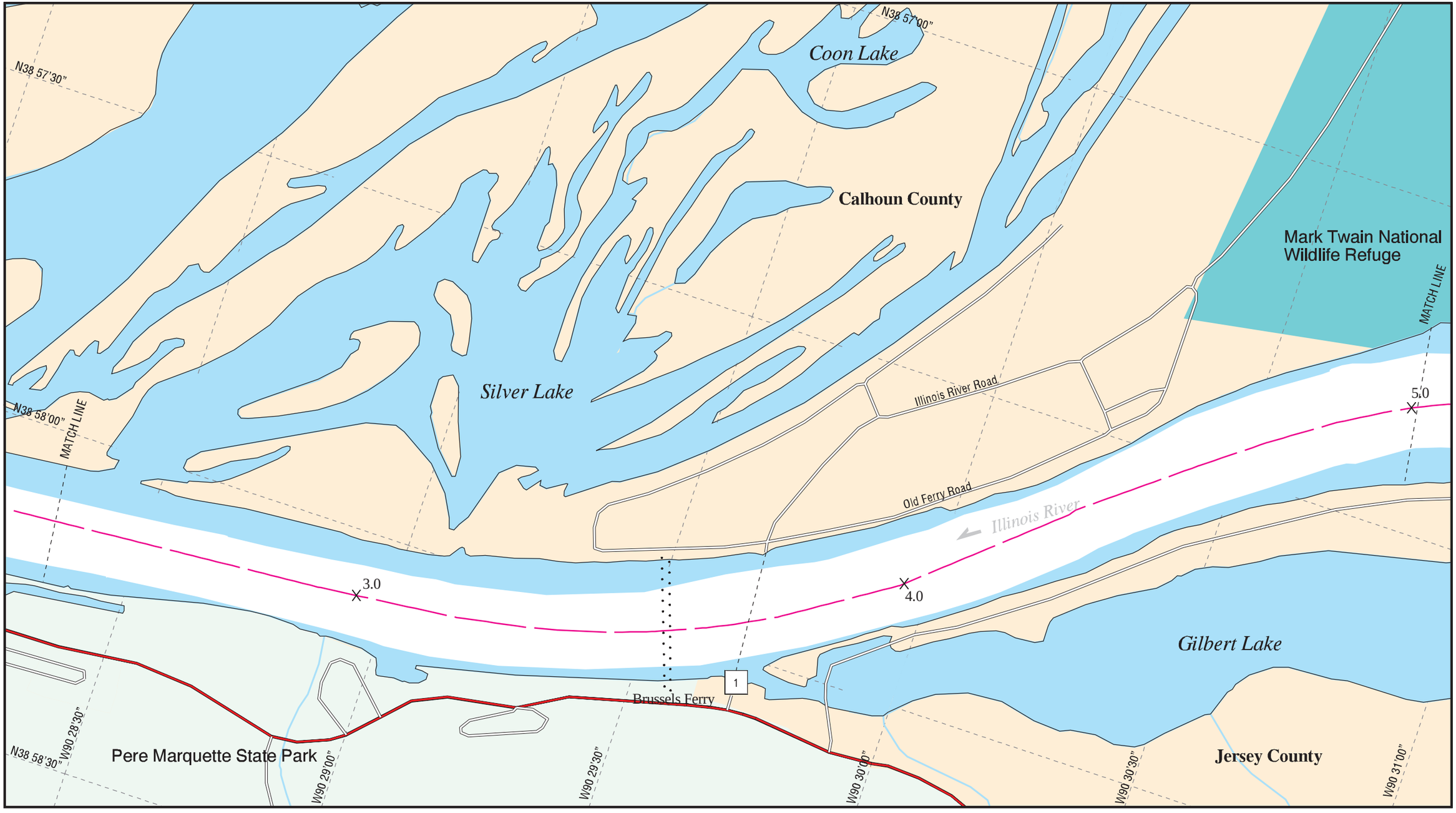
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 19

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 2.2 TO 5.0



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

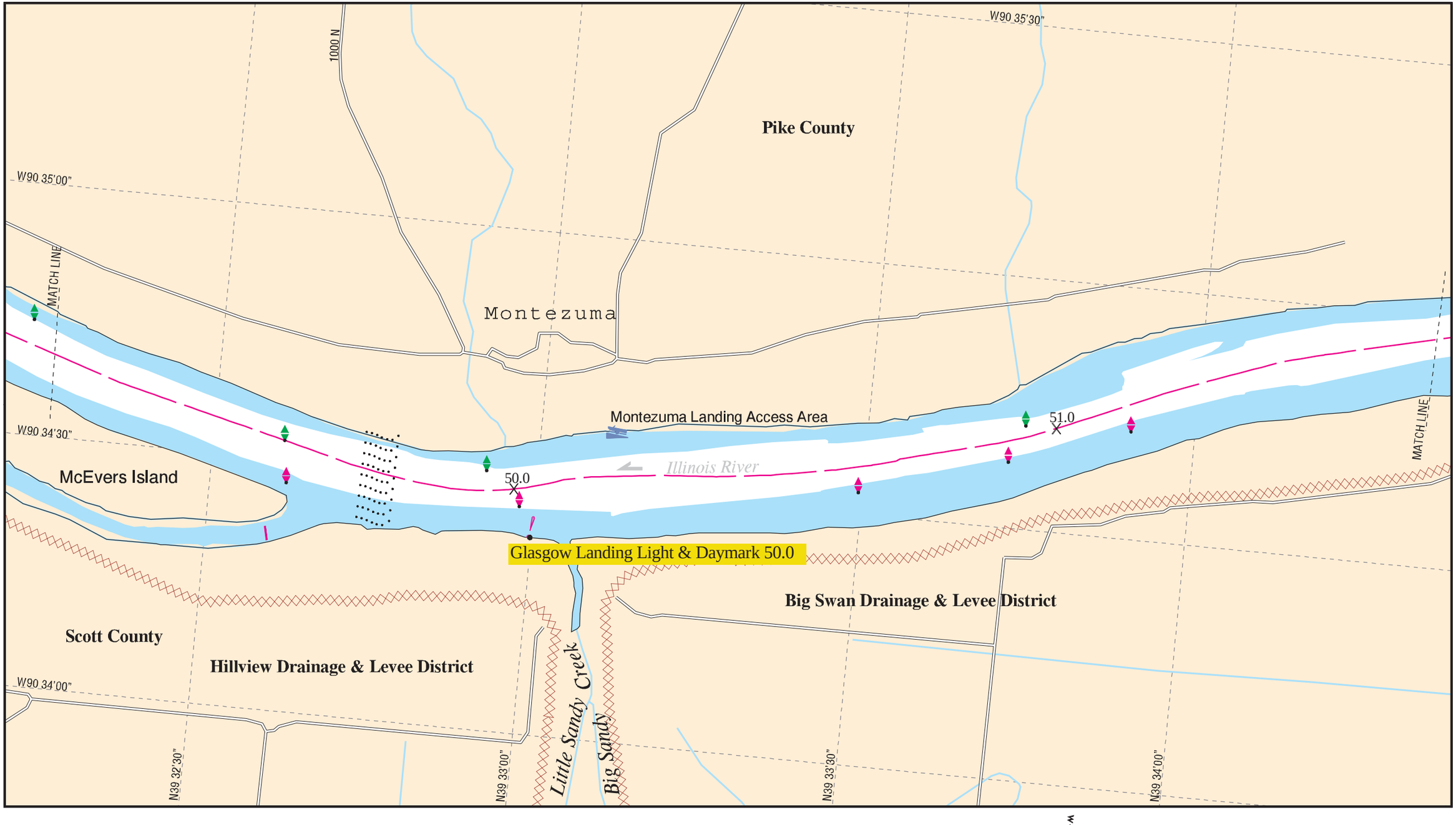
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

S E W N

MAP NO. 2

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 49.2 TO 51.8



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 20

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 51.5 TO 54.3

W90 36'00"

W90 35'30"

W90 35'00"

W90 34'30"

N39 34'30"

N39 35'00"

N39 35'30"

N39 36'00"

N39 36'30"

Pike County

Needsmore Cr.

Little Blue Cr.

MATCH LINE

54.0

Little Blue Light
& Daymark 53.8

53.0

Illinois River

52.0

A

Pumping
Station

Big Swan Drainage & Levee District

MATCH LINE

Scott County

Channel Span

A

Illinois Rural Electric Co.
Vertical Clearance Above Pool Stage: 103.7 ft.
Maximum Sag Elevation: 523.7 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

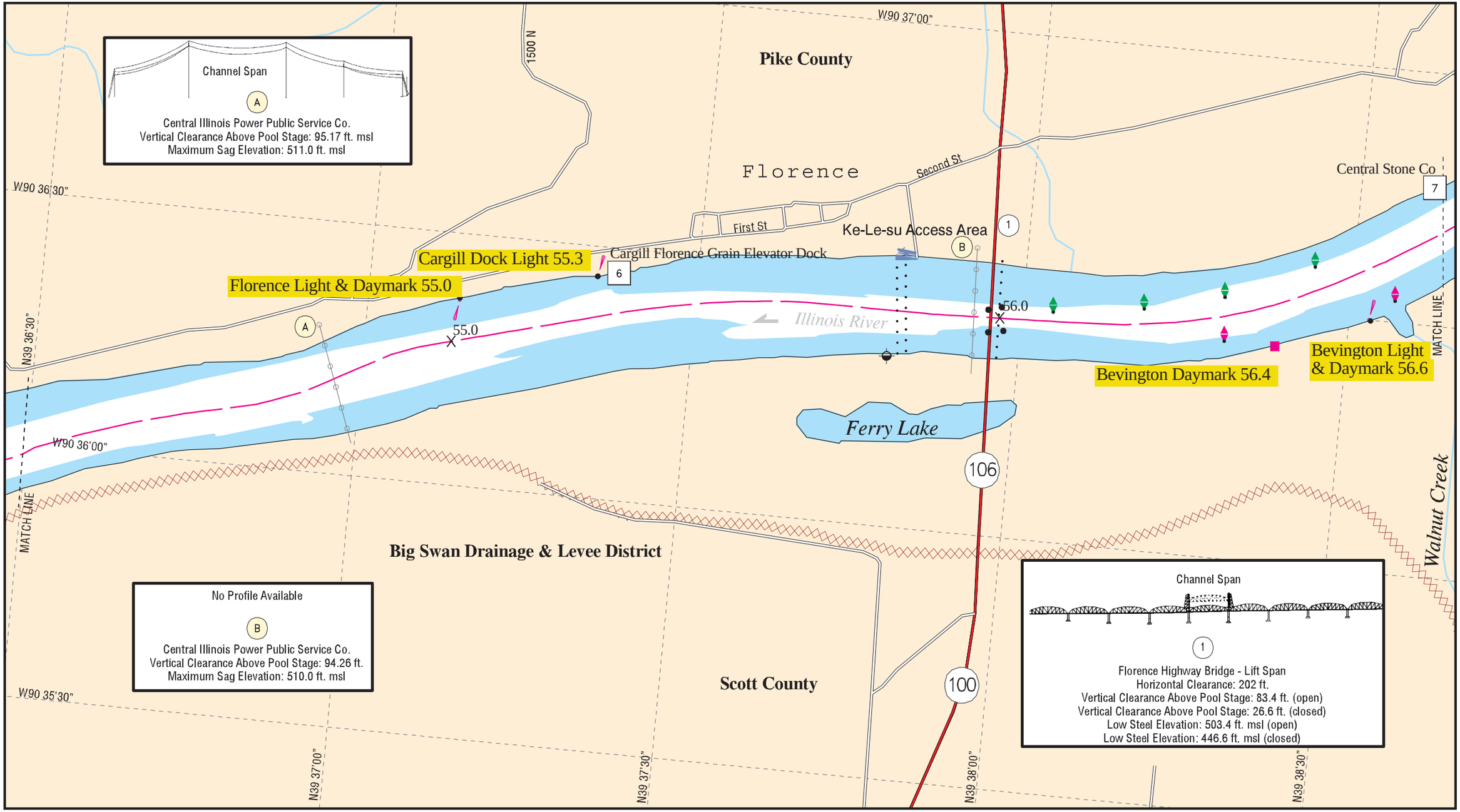
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W S N E

MAP NO. 21

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 54.3 TO 56.9



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

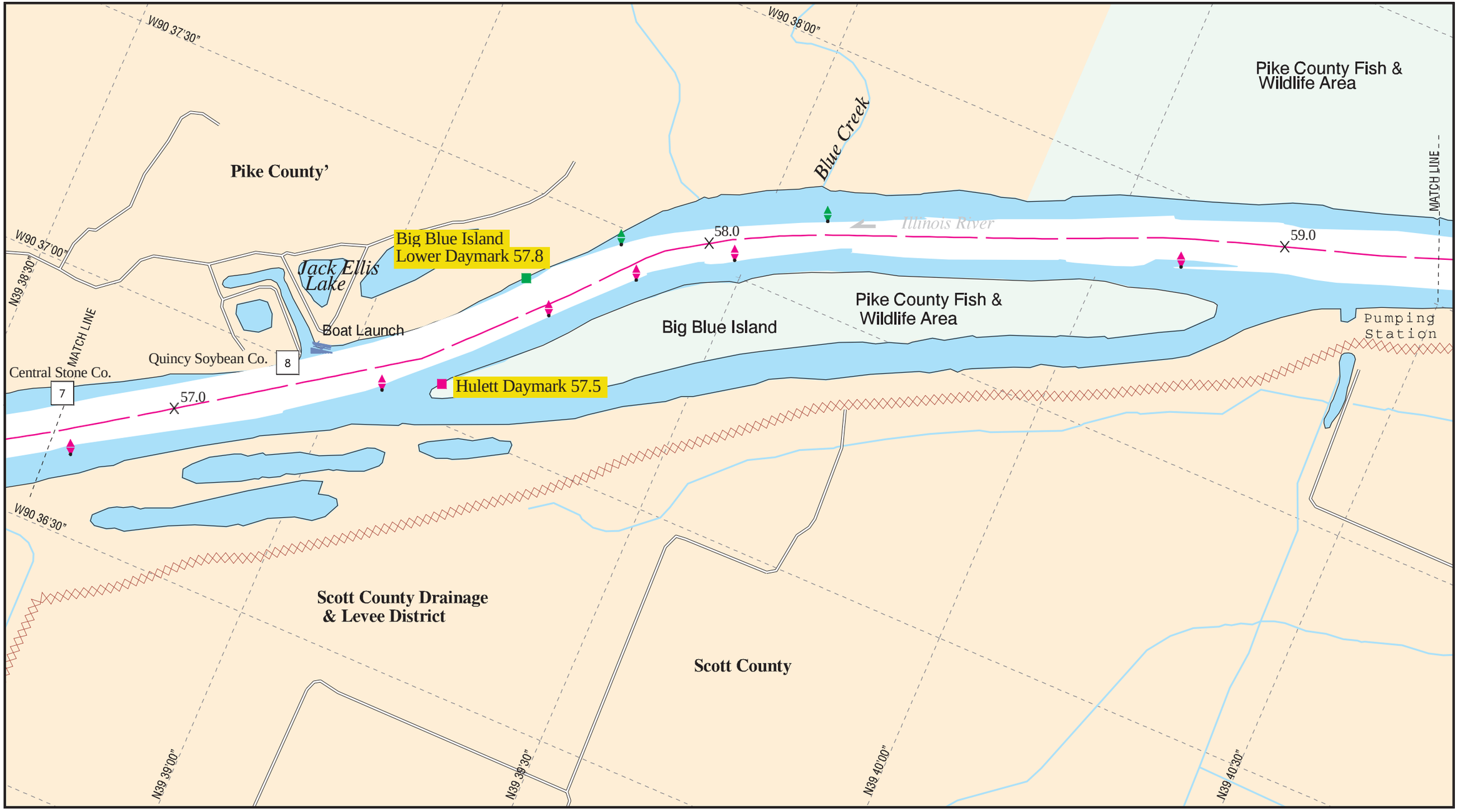
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W S N E

MAP NO. 22

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 56.9 TO 59.3



1998

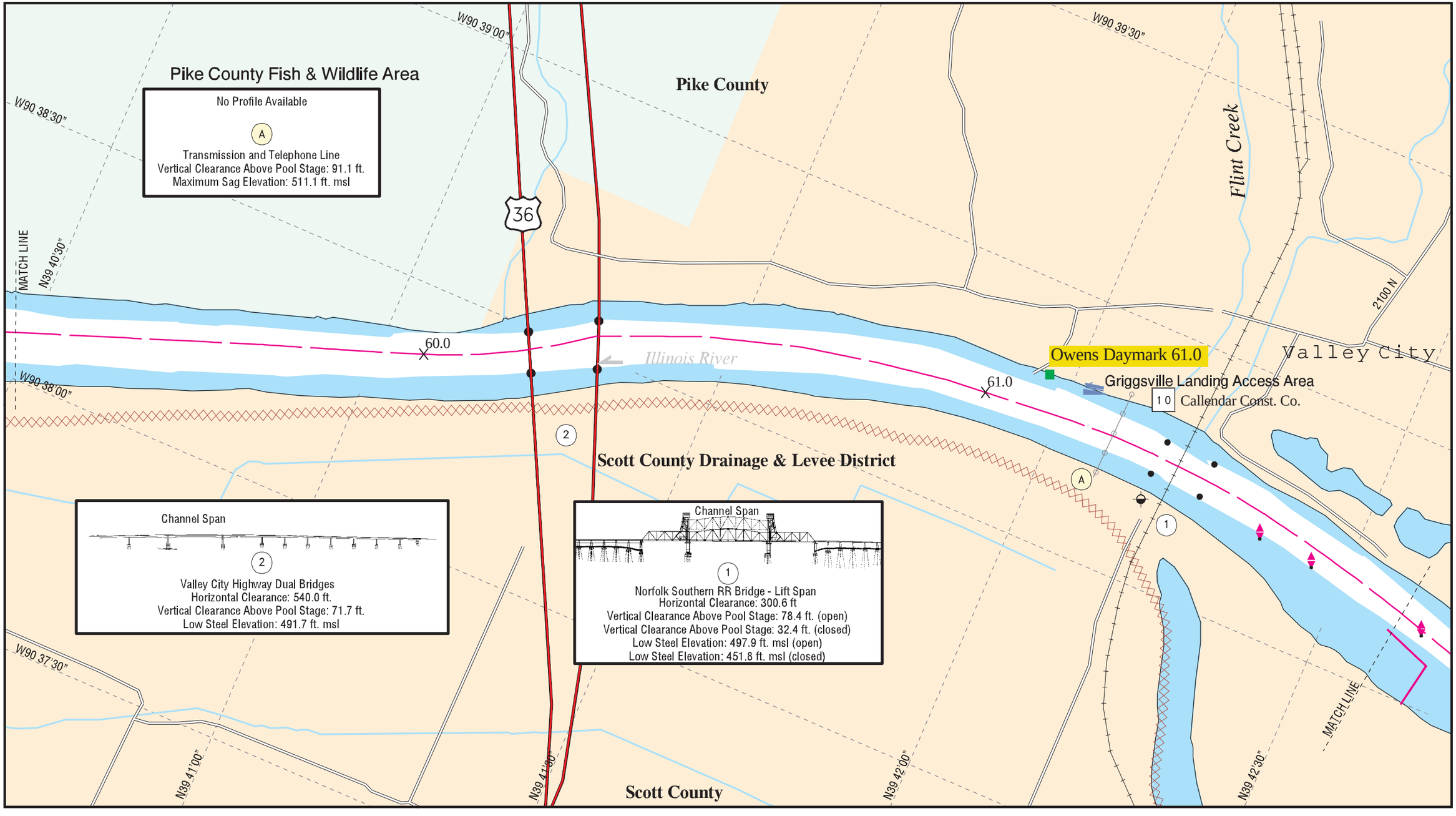
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 23

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 59.3 TO 61.7



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

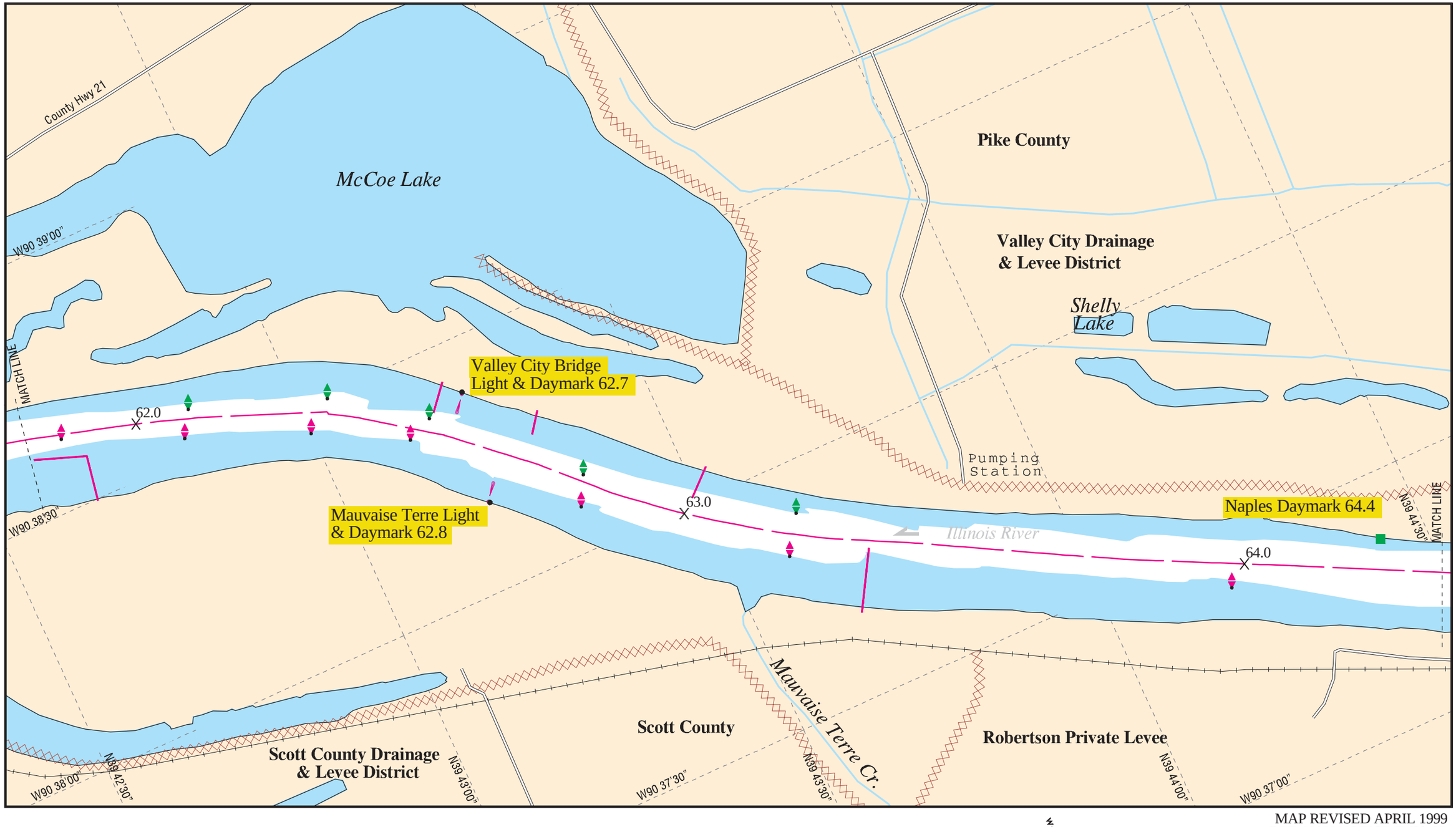
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N S E W

MAP NO. 24

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 61.7 TO 64.5



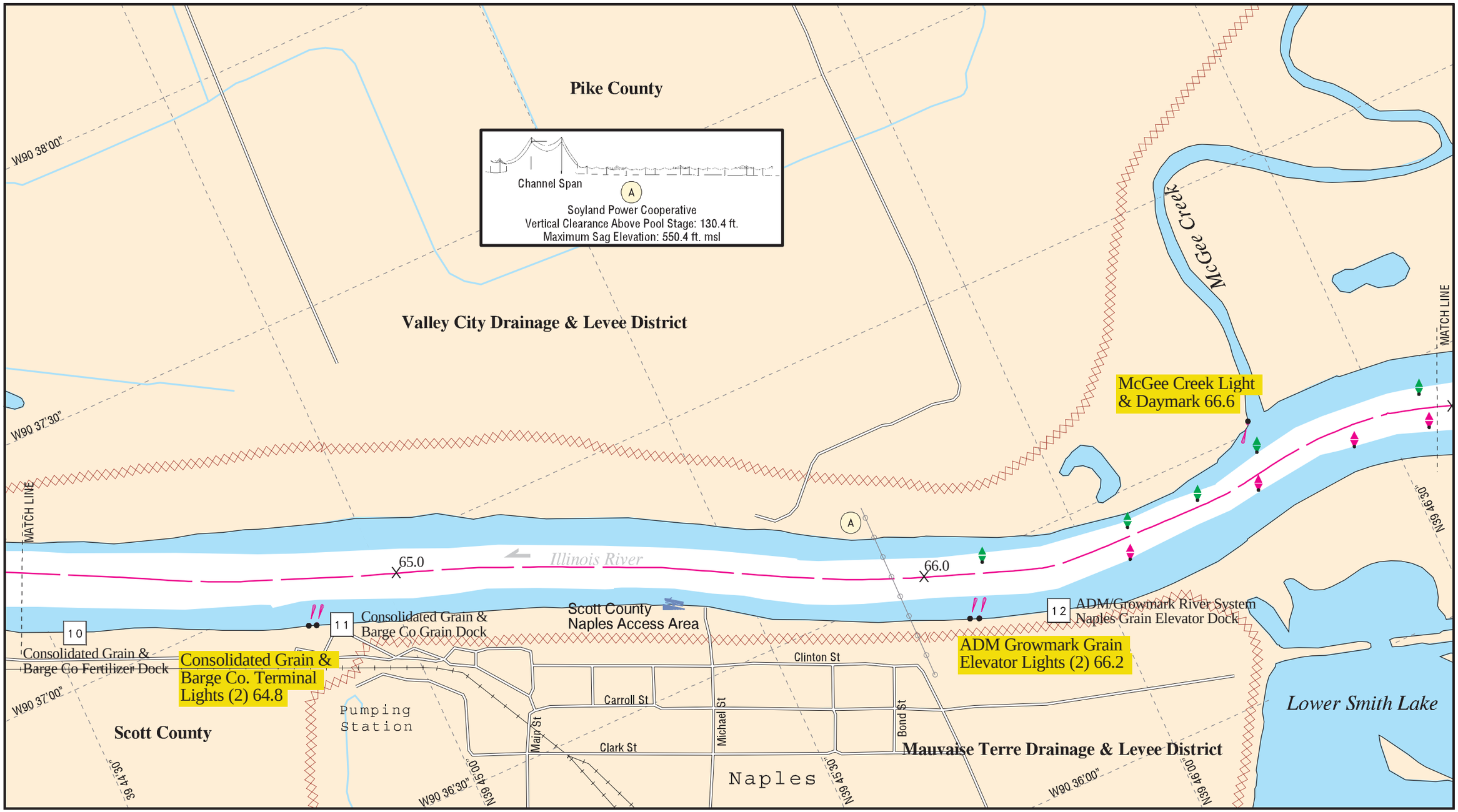
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP REVISED APRIL 1999
REF. NAV NOTICE IW99-05

MAP NO. 25



1998

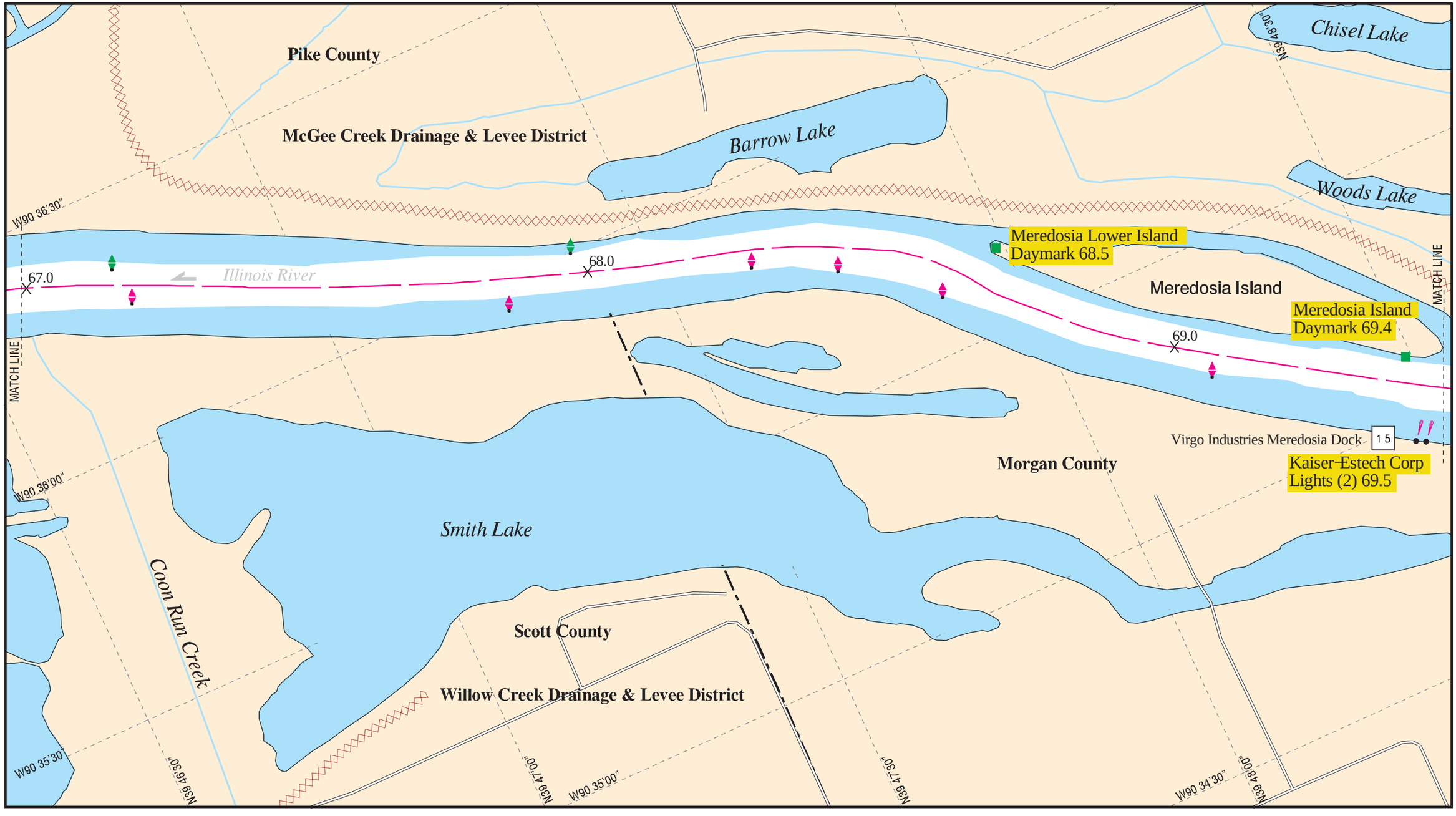
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 26

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 66.9 TO 69.6



1998

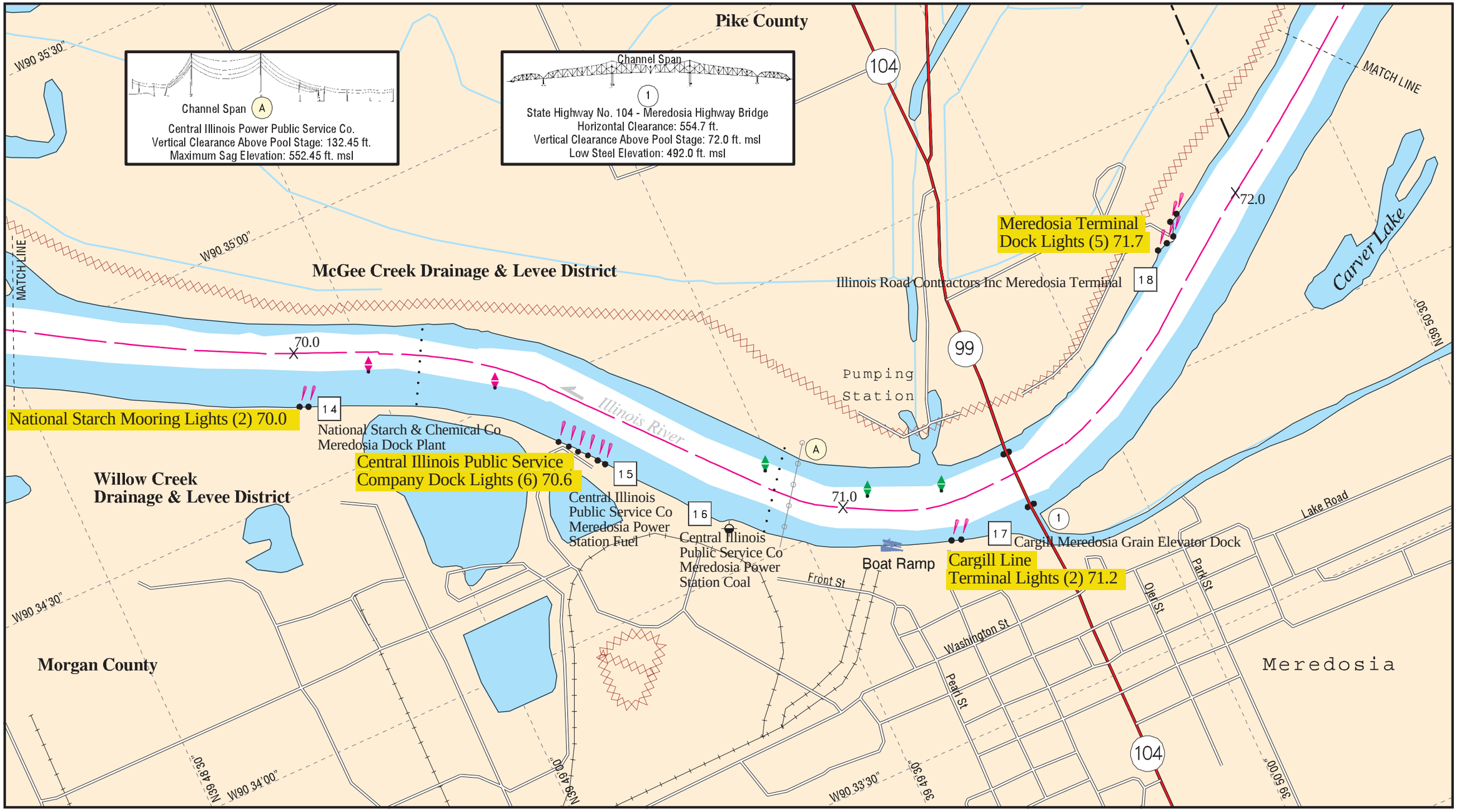
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 27

US ARMY CORPS OF ENGINEERS — ILLINOIS WATERWAY — MILE 69.6 TO 72.1



1998

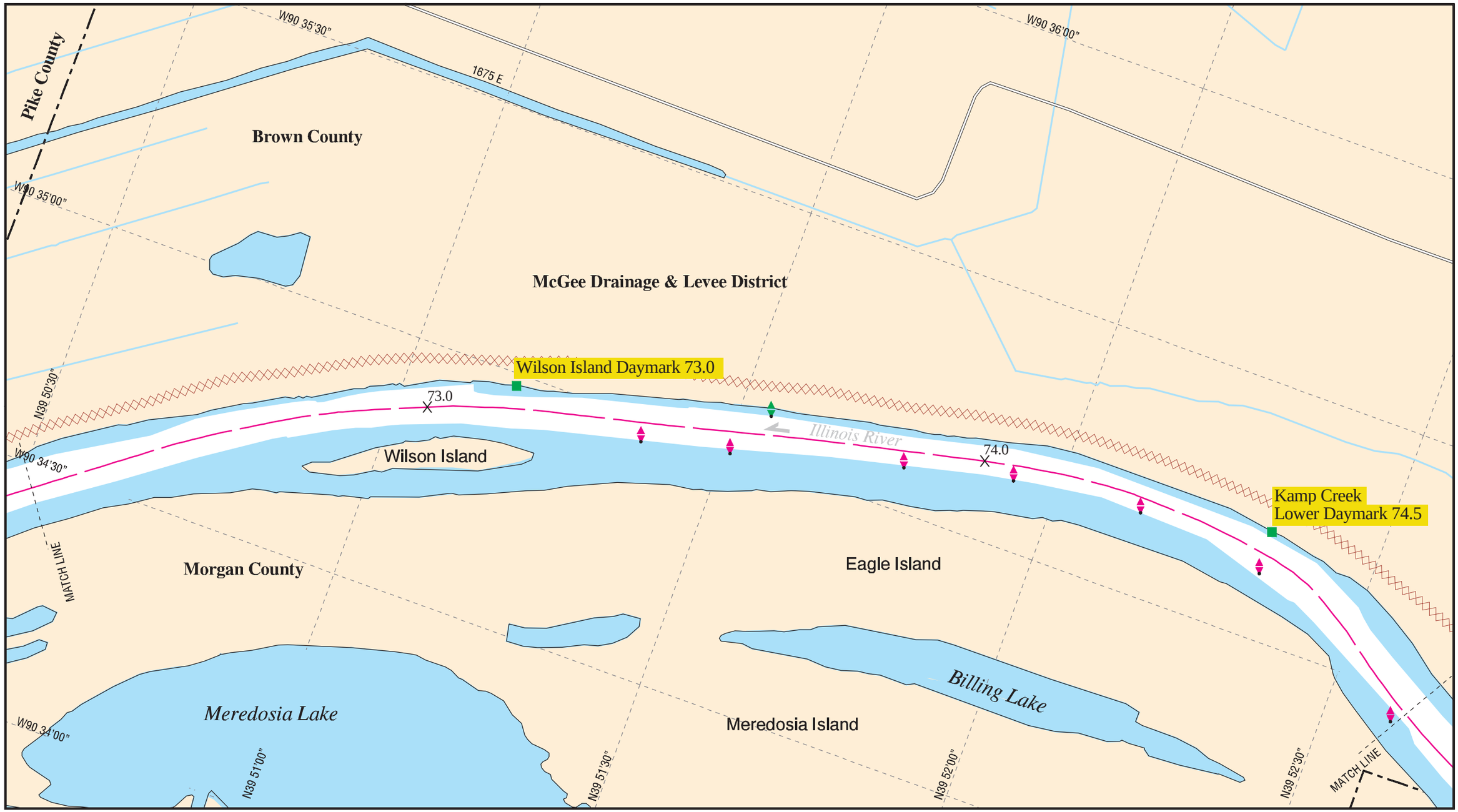
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 — Scale 1" = 1000 Feet

0 — 1150 — 2300 ft

MAP NO. 28

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 72.1 TO 74.9



1998

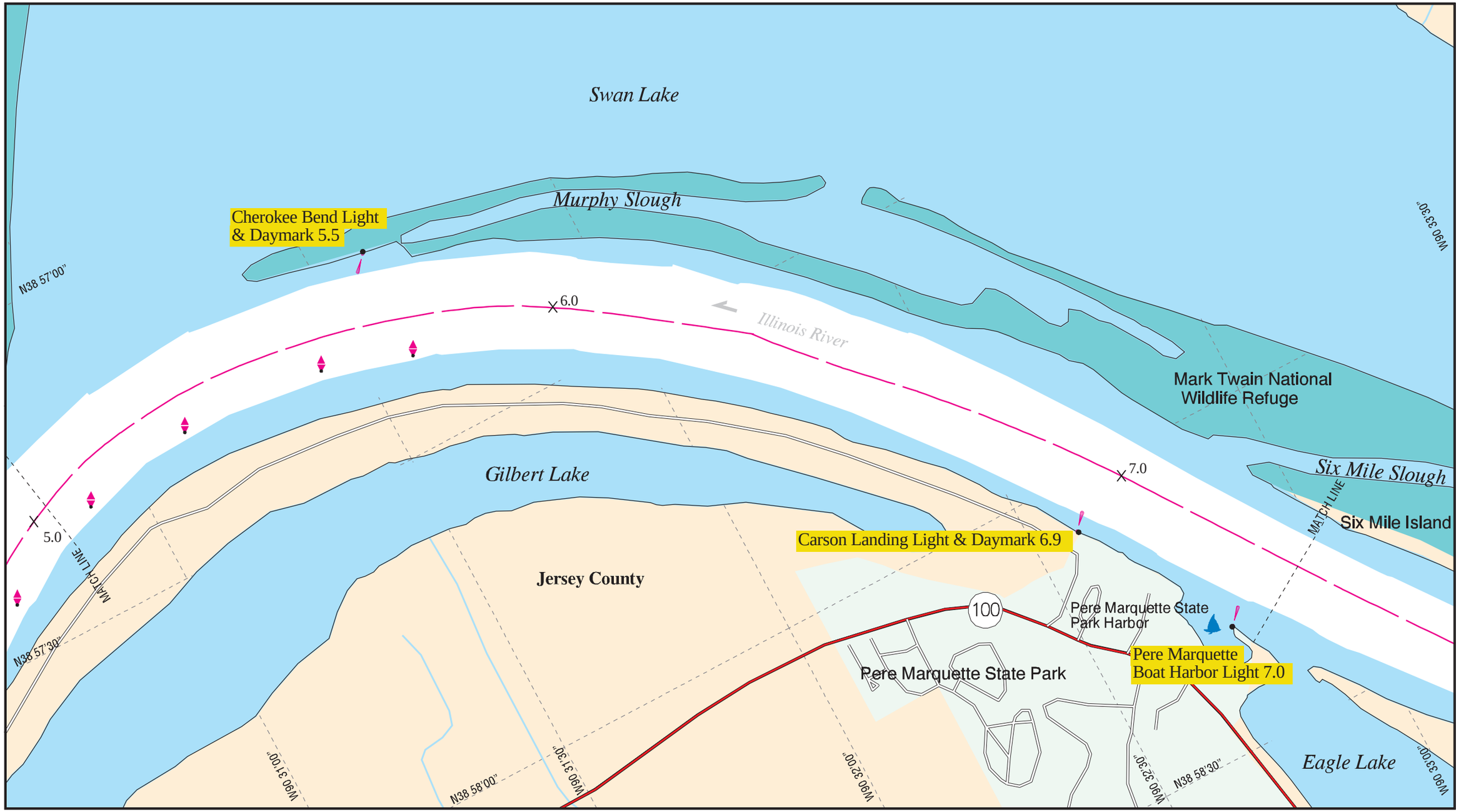
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 29

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 5.0 TO 7.5



1998

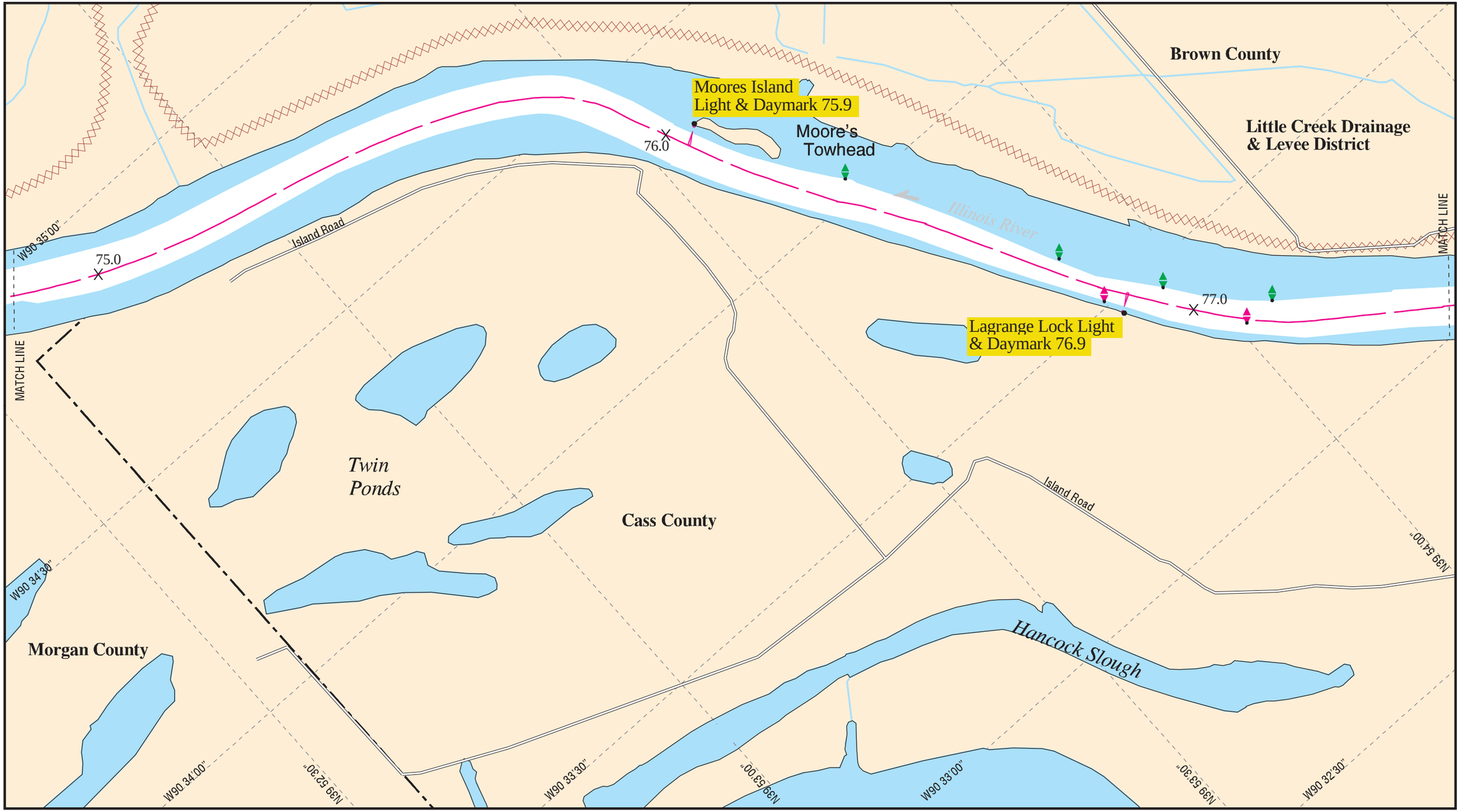
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 3

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 74.9 TO 77.4



1998

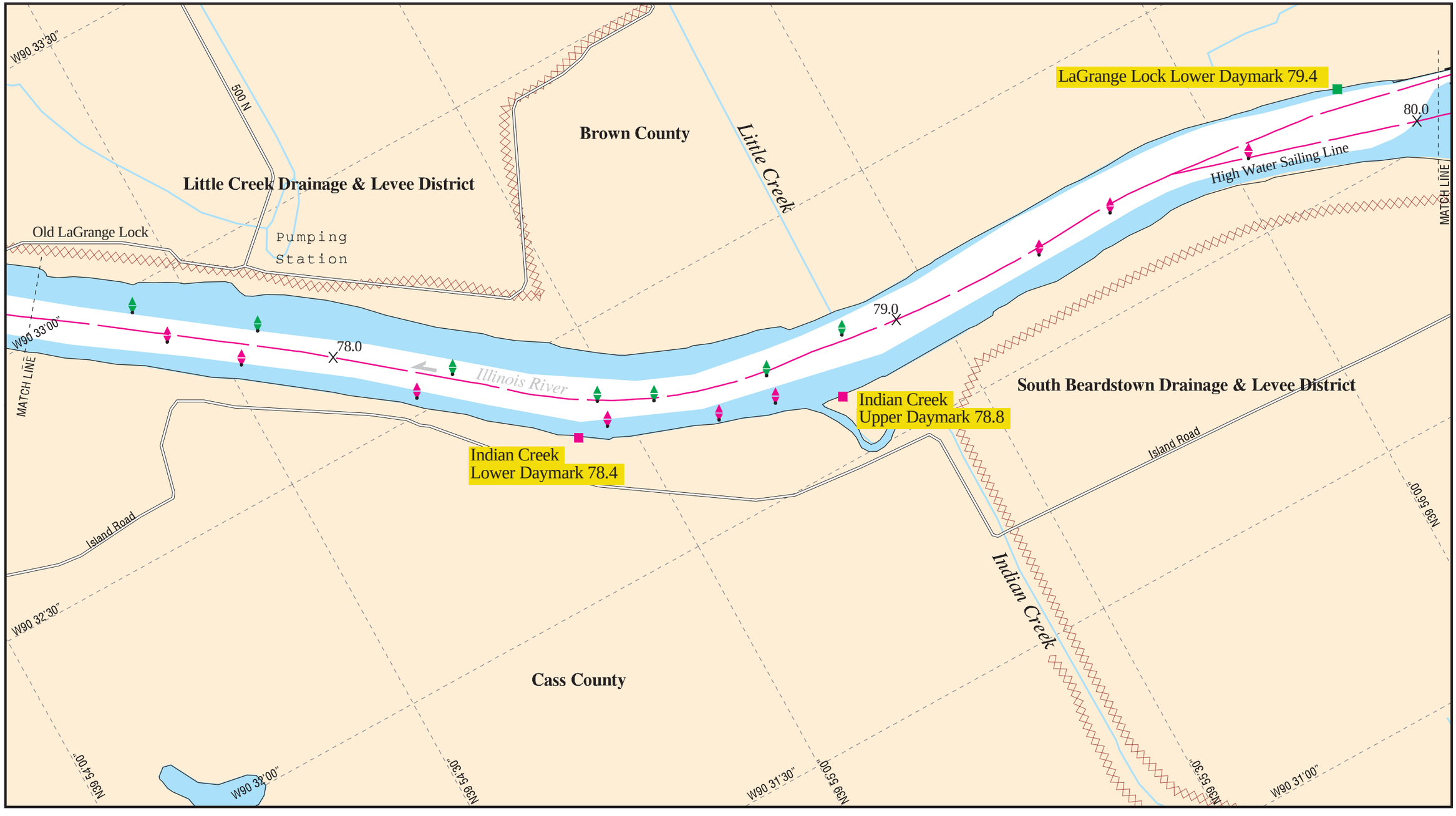
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 30

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 77.4 TO 80.0



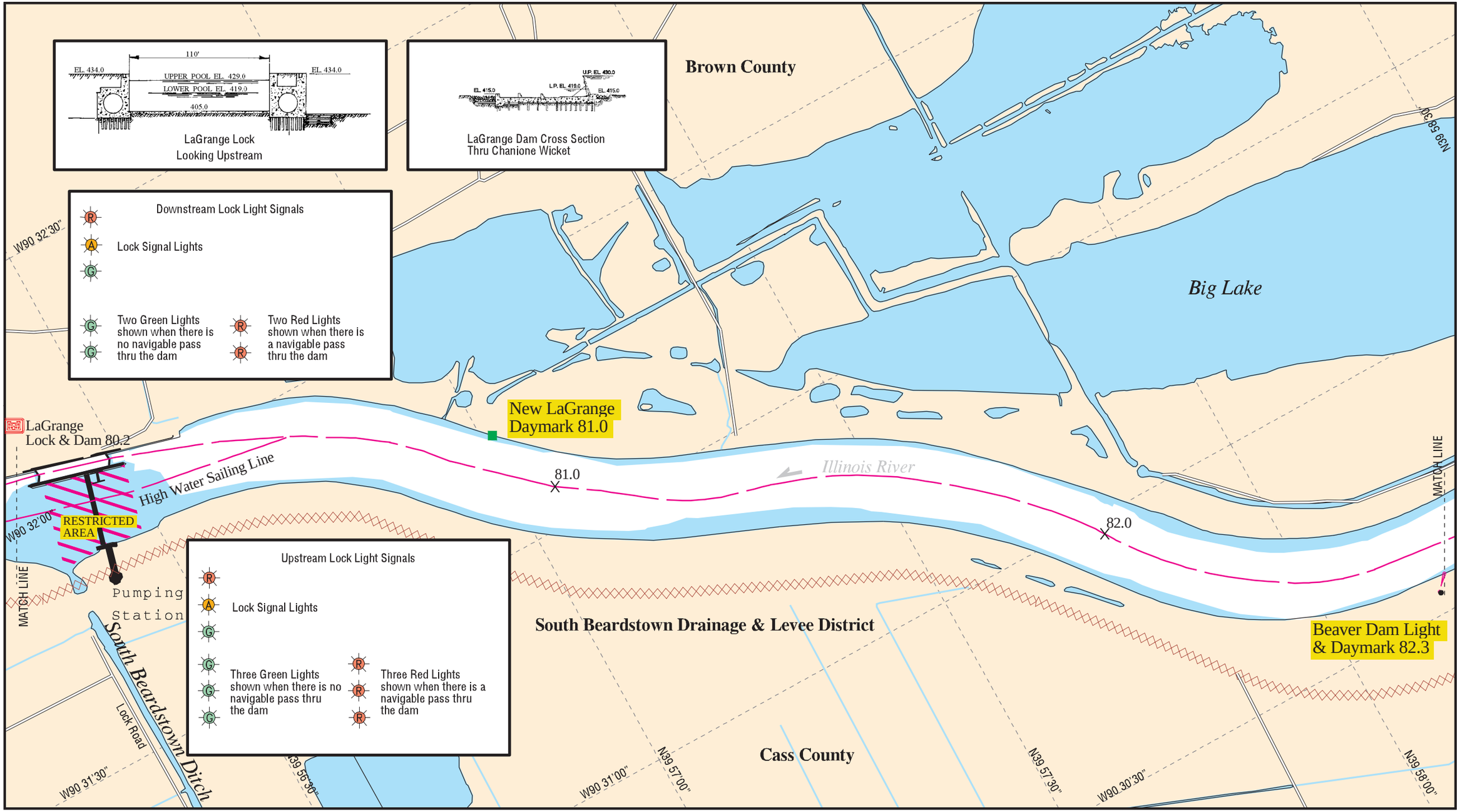
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 31

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 80.0 82.5



1998

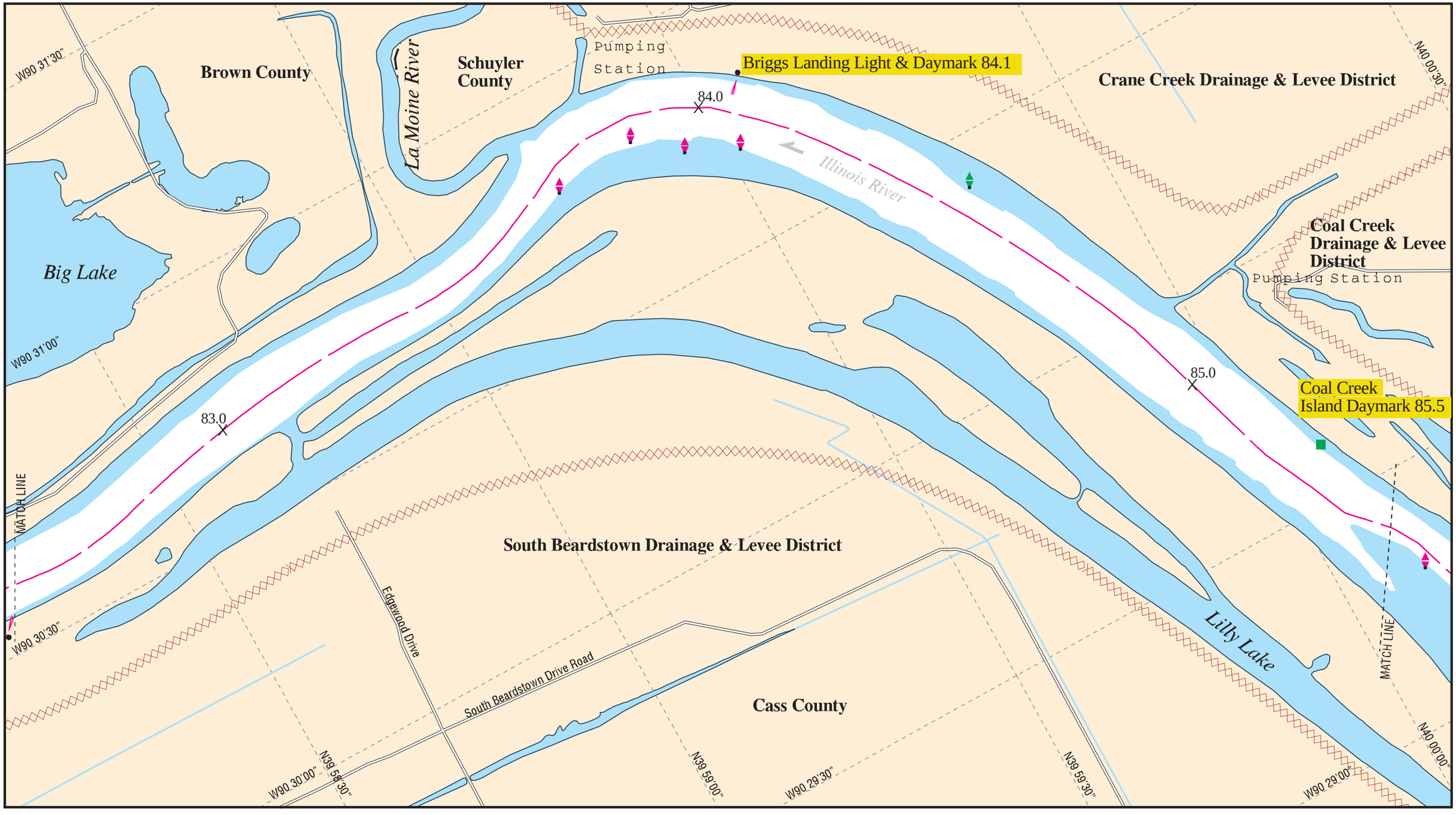
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 32

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 82.5 TO 85.5



1998

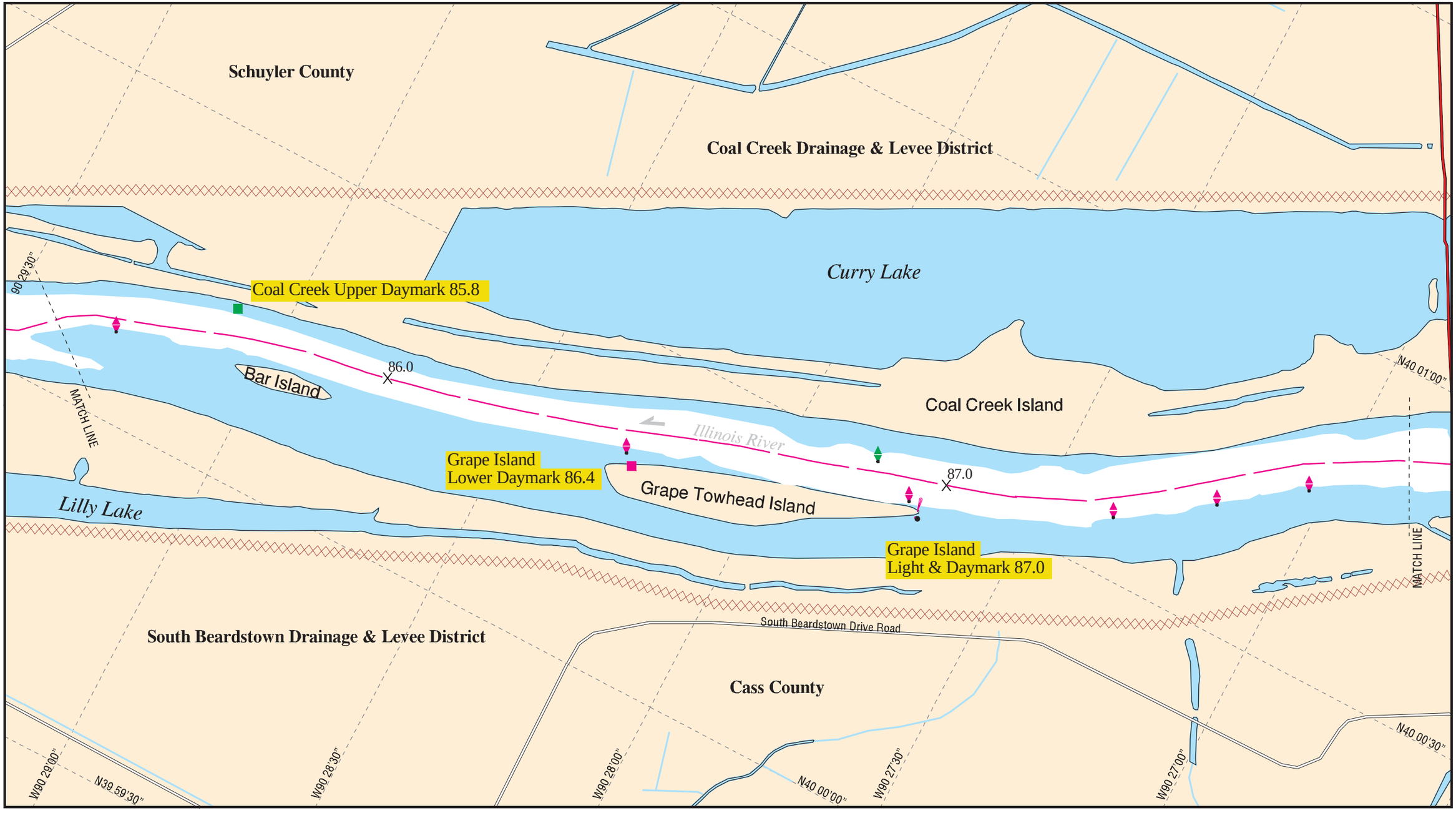
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 33

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 85.5 TO 87.8



1998

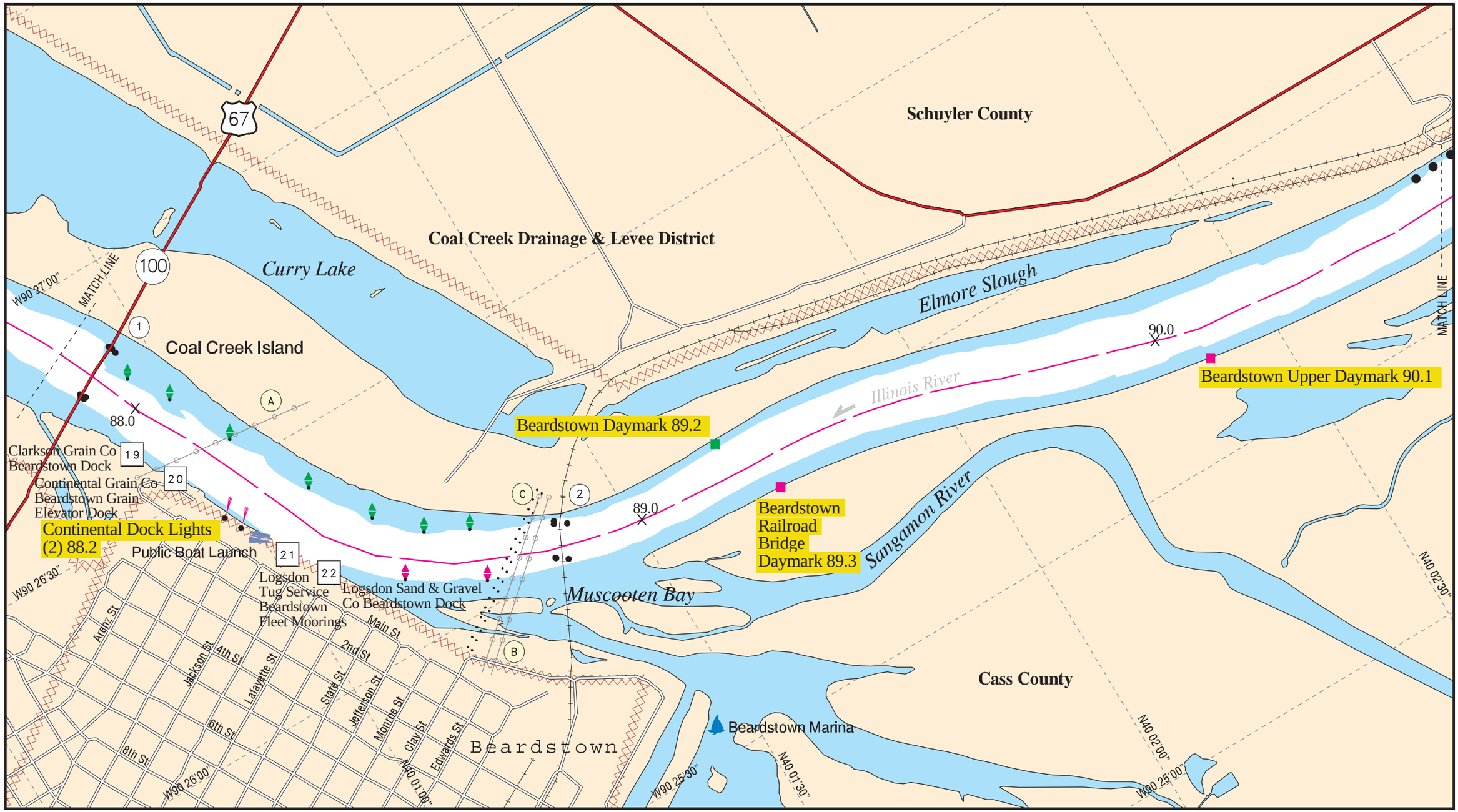
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 34

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 87.8 TO 90.5



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 35

1

Beardstown Highway Bridge
Horizontal Clearance: 526.0ft.
Vertical Clearance Above Pool Stage: 68.1 ft.
Low Steel Elevation: 497.5 ft. msl

No Profile Available

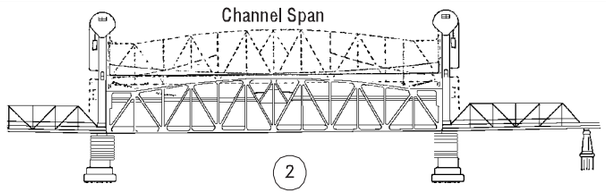
B

Telephone Line
Vertical Clearance Above Pool Stage: 76.0 ft.
Maximum Sag Elevation: 505.4 ft. msl

No Profile Available

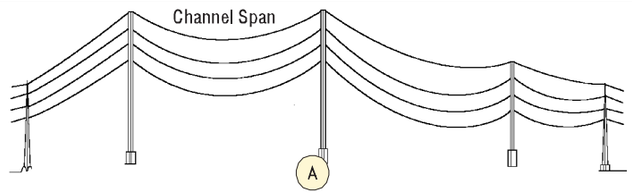
C

Central Illinois Power Public Service Co.
Vertical Clearance Above Pool Stage: 84.6 ft.
Maximum Sag Elevation: 514.0 ft. msl



2

Burlington Northern Santa Fe Railroad Bridge-Lift Span
Horizontal Clearance: 300.0 ft.
Vertical Clearance Above Pool Stage: 68.5 ft. (open)
Vertical Clearance Above Pool Stage: 19.6 ft. (closed)
Low Steel Elevation: 497.9 ft. msl (open)
Low Steel Elevation: 449.0 ft. msl (closed)



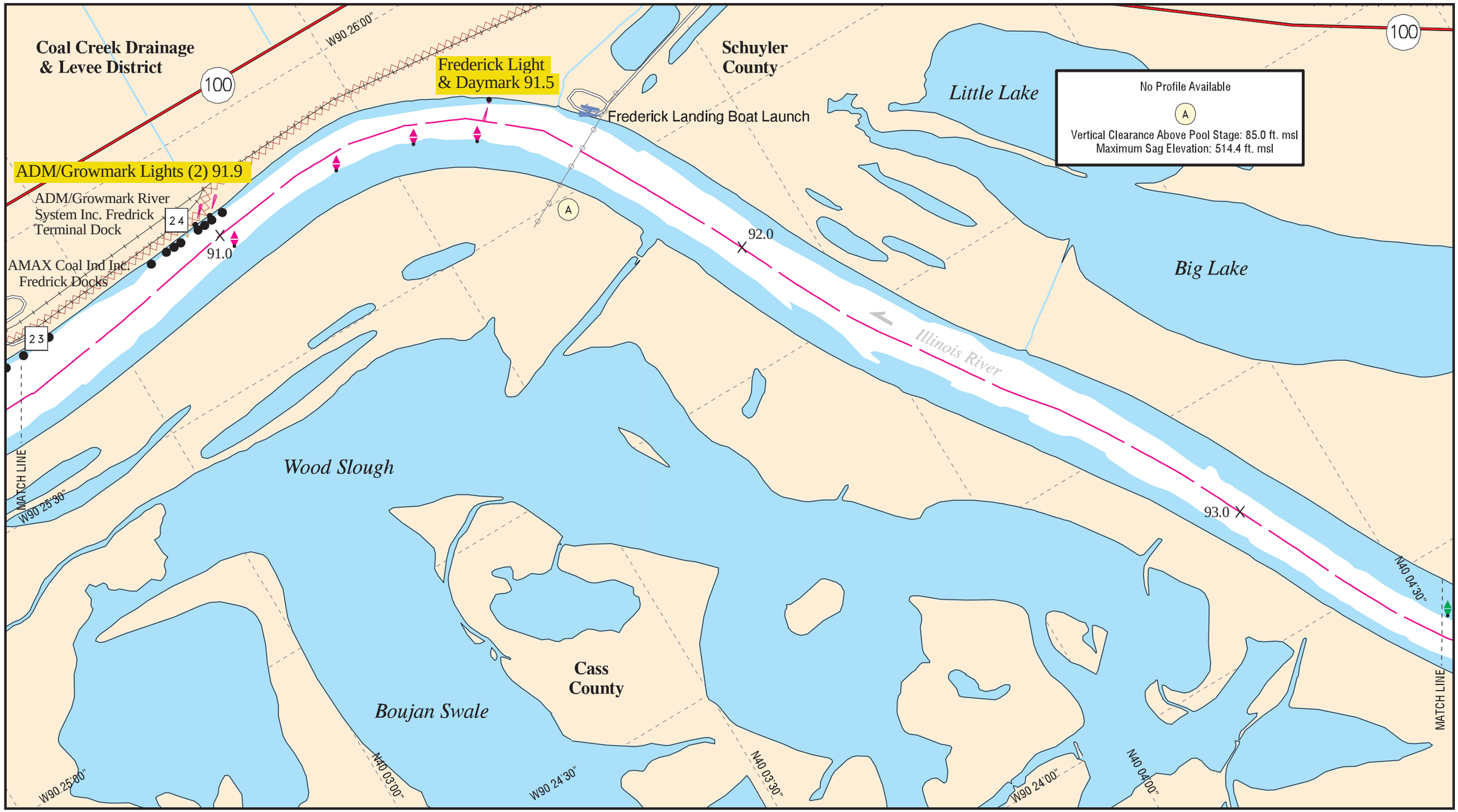
A

Central Illinois Power Public Service Co.
Vertical Clearance Above Pool Stage: 93.0 ft.
Maximum Sag Elevation: 522.4 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 35



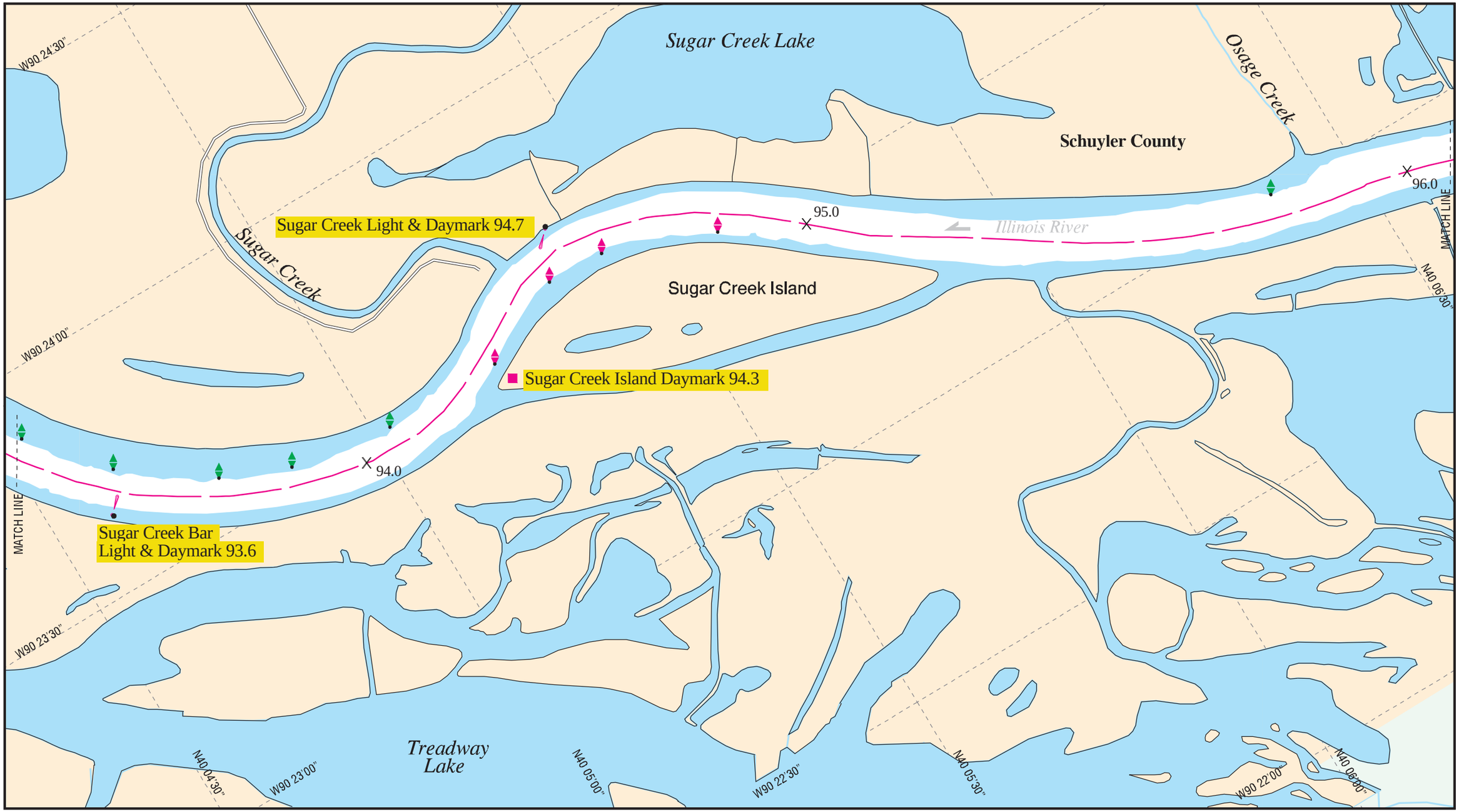
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 36

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 93.3 TO 96.0



1998

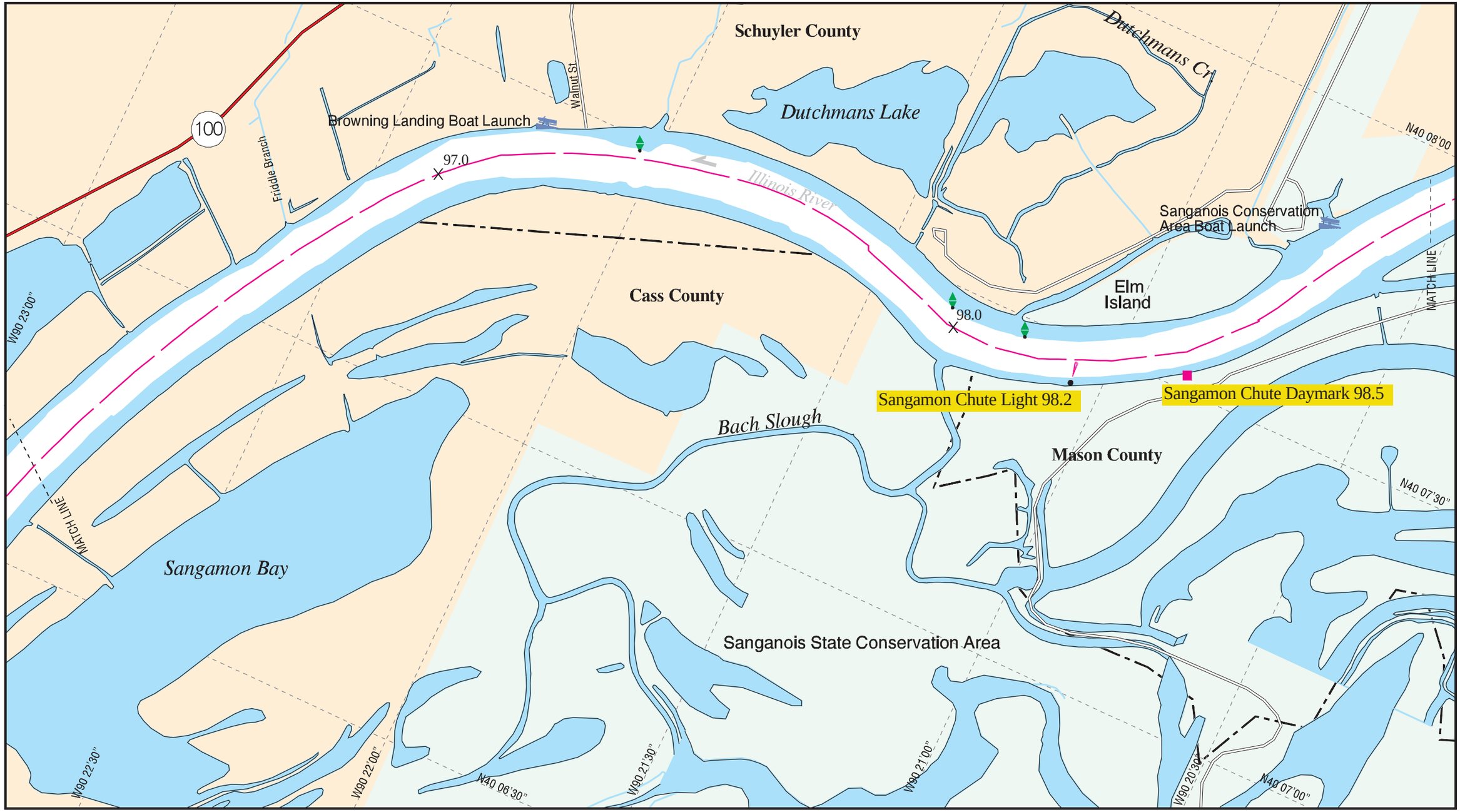
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 37

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 96.0 TO 98.9



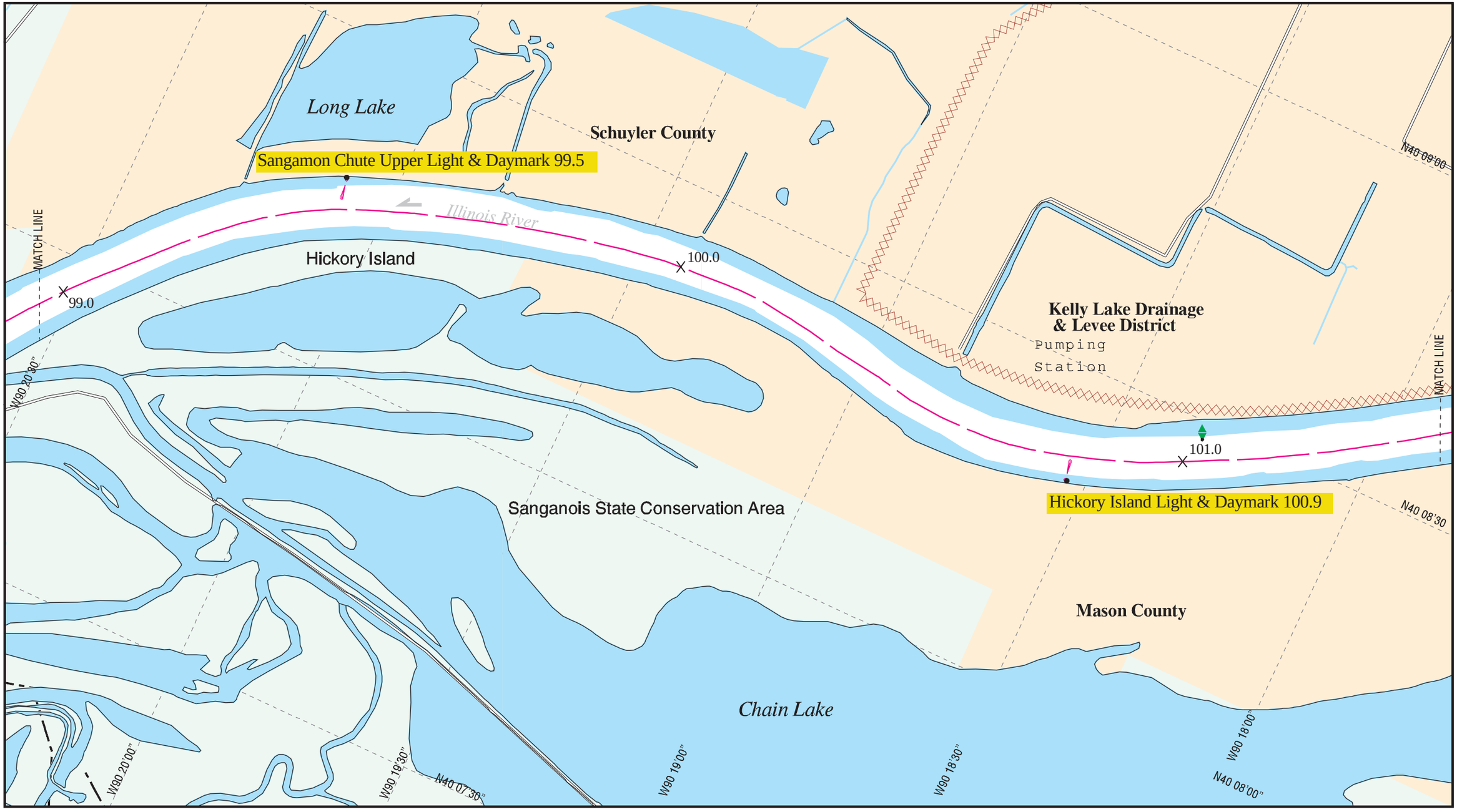
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 38

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 98.9 TO 101.5



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 39

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 7.5 TO 9.9

Swan Lake

Calhoun County

N38 58'00"

W90 35'00"

Six Mile Slough

Six Mile Island Light & Daymark 8.3

Mark Twain National Wildlife Refuge

Bundy Lake

Blooms Landing Light & Daymark 9.3

MATCH LINE

9.0

Illinois River

8.0

W90 34'30"

MATCH LINE

Deep Lake

Brushy Lake

Eagle Lake

Flat Lake

Long Lake

Brushy Lake

N38 58'30"

W90 32'30"

N38 59'00"

Pere Marquette State Park

W90 33'00"

Jersey County

N38 59'30"

W90 33'30"

N39 00'00"

W90 34'00"

1998

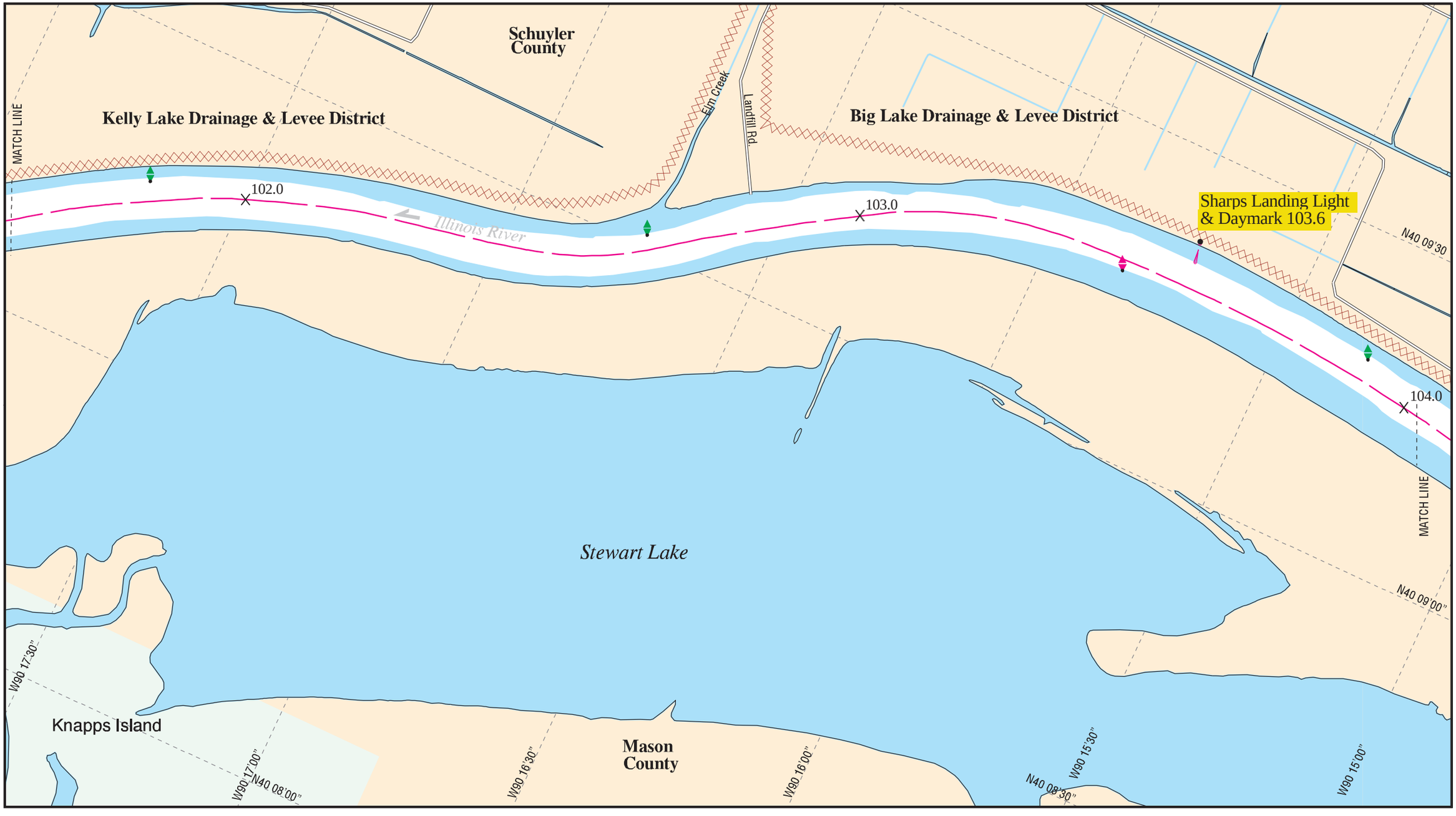
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 4

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 101.5 TO 104.0



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

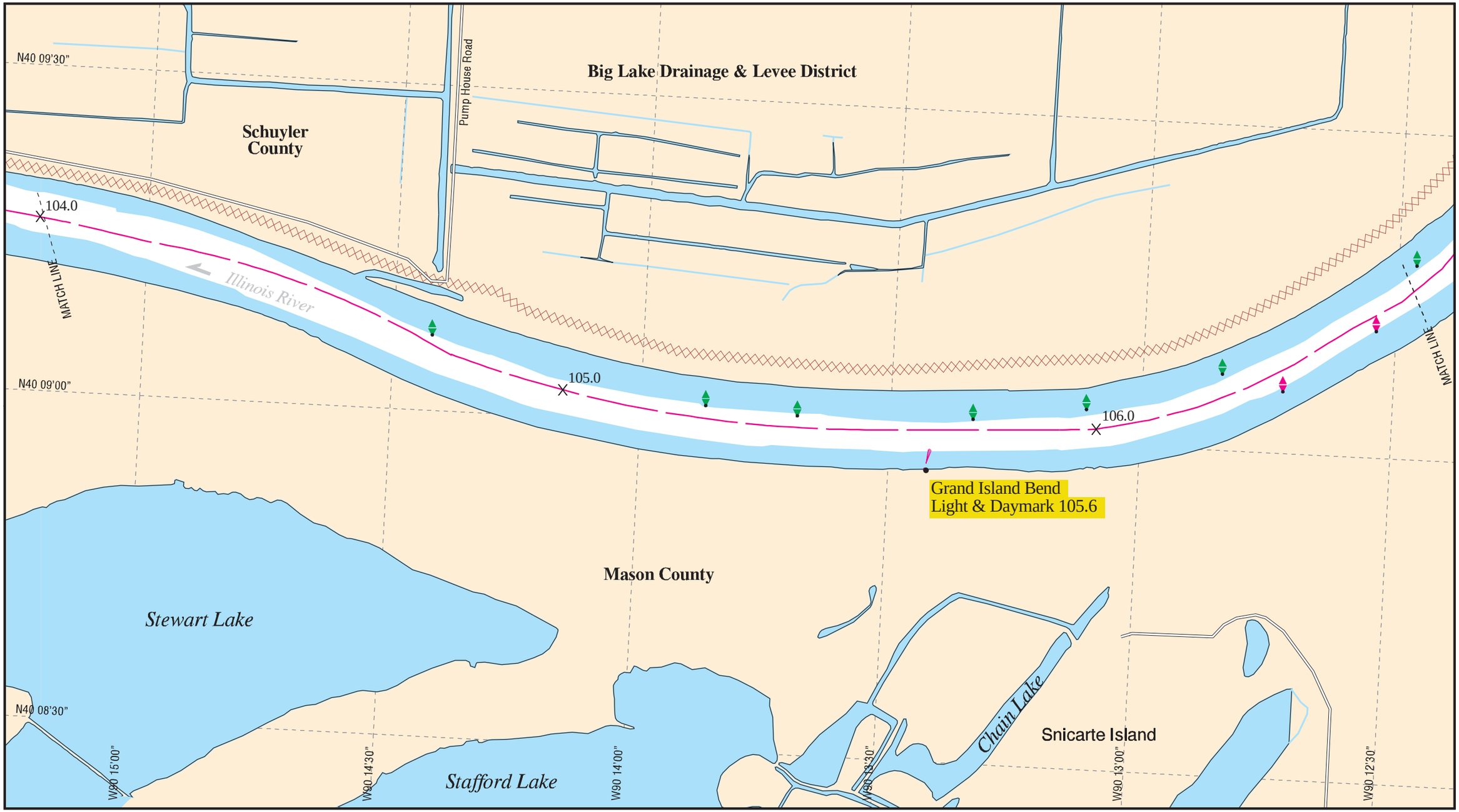
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 40

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 104.0 TO 106.7



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

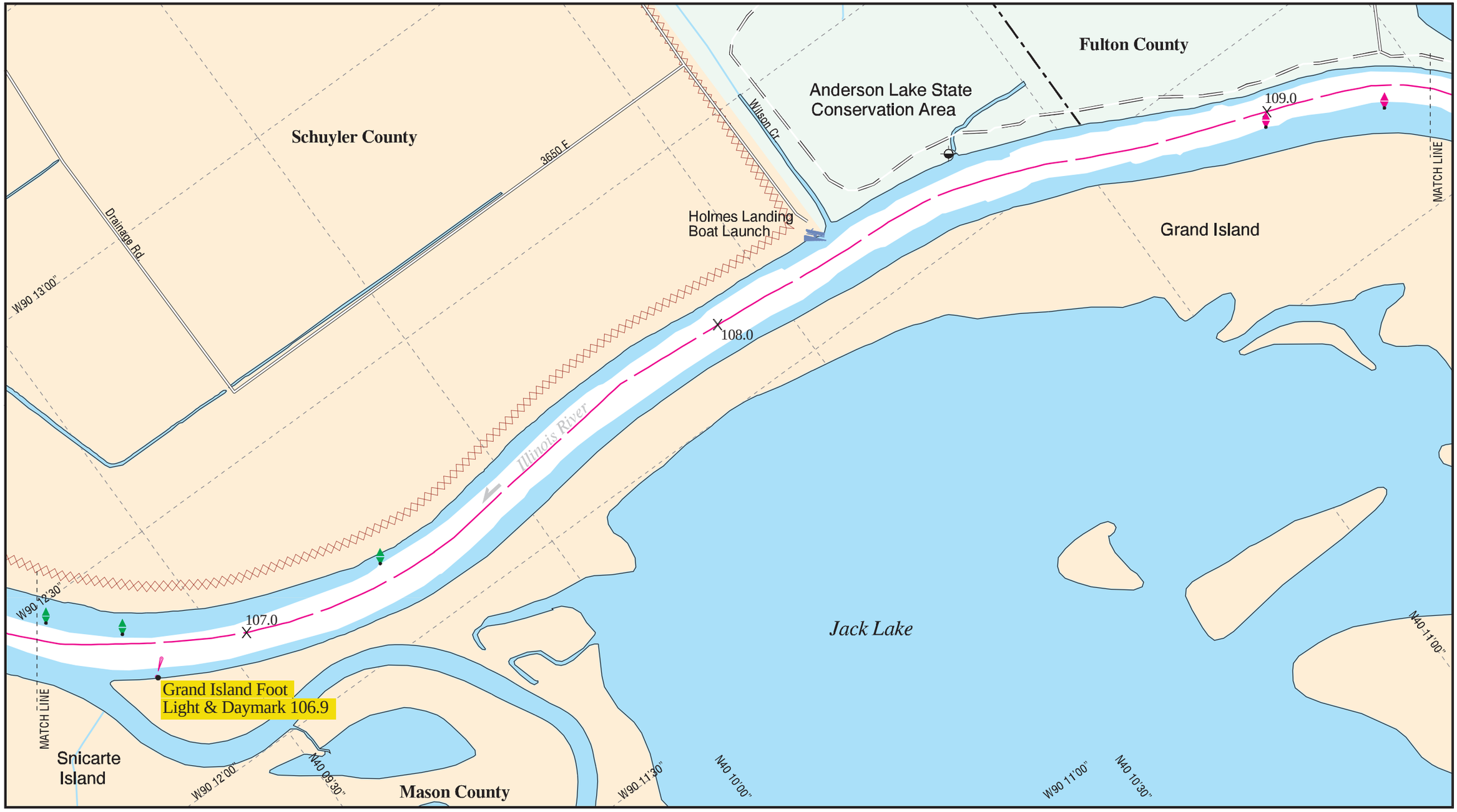
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 41

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 106.7 TO 109.2



1998

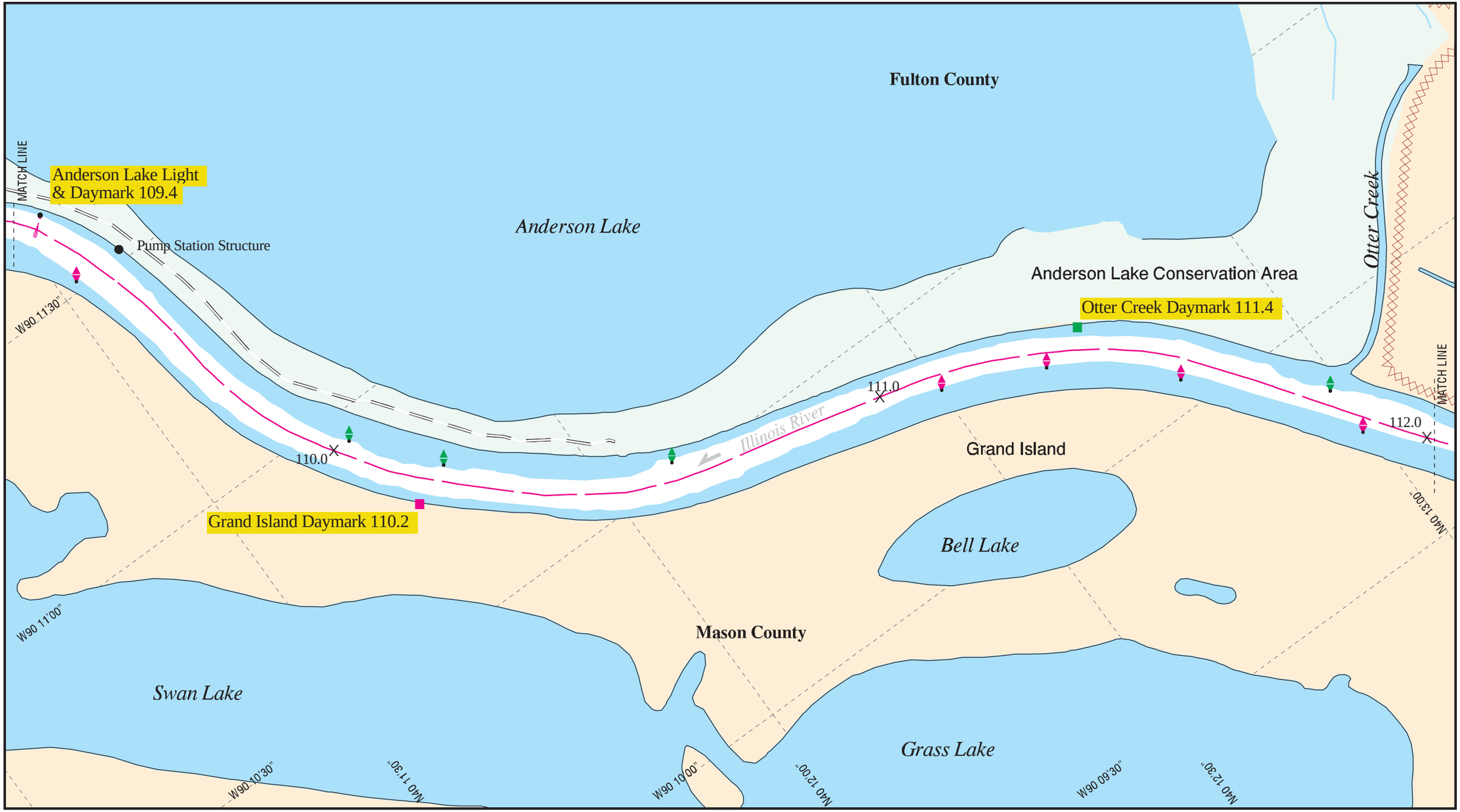
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 42

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 109.2 TO 112.0



1998

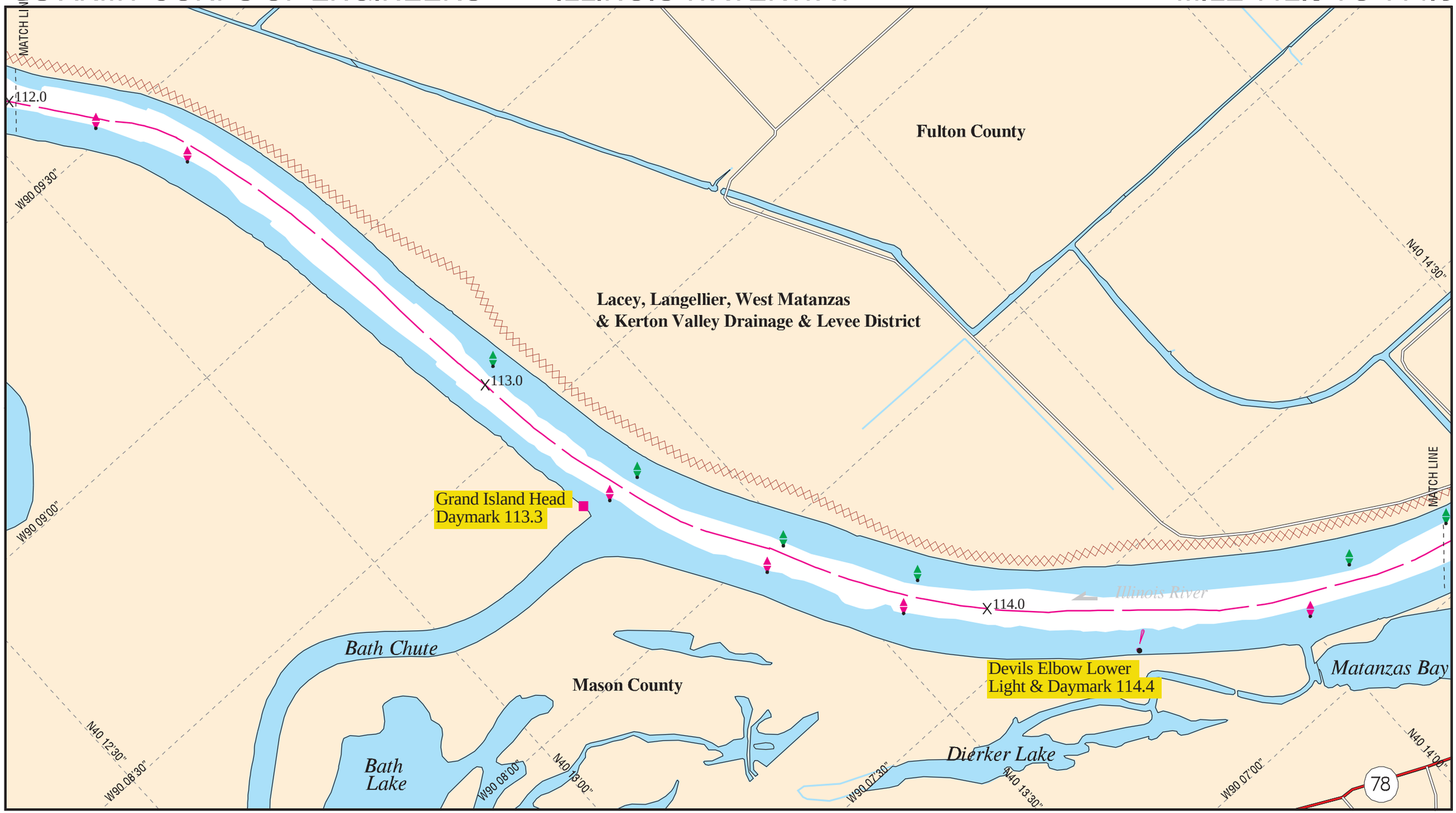
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 43

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 112.0 TO 114.6



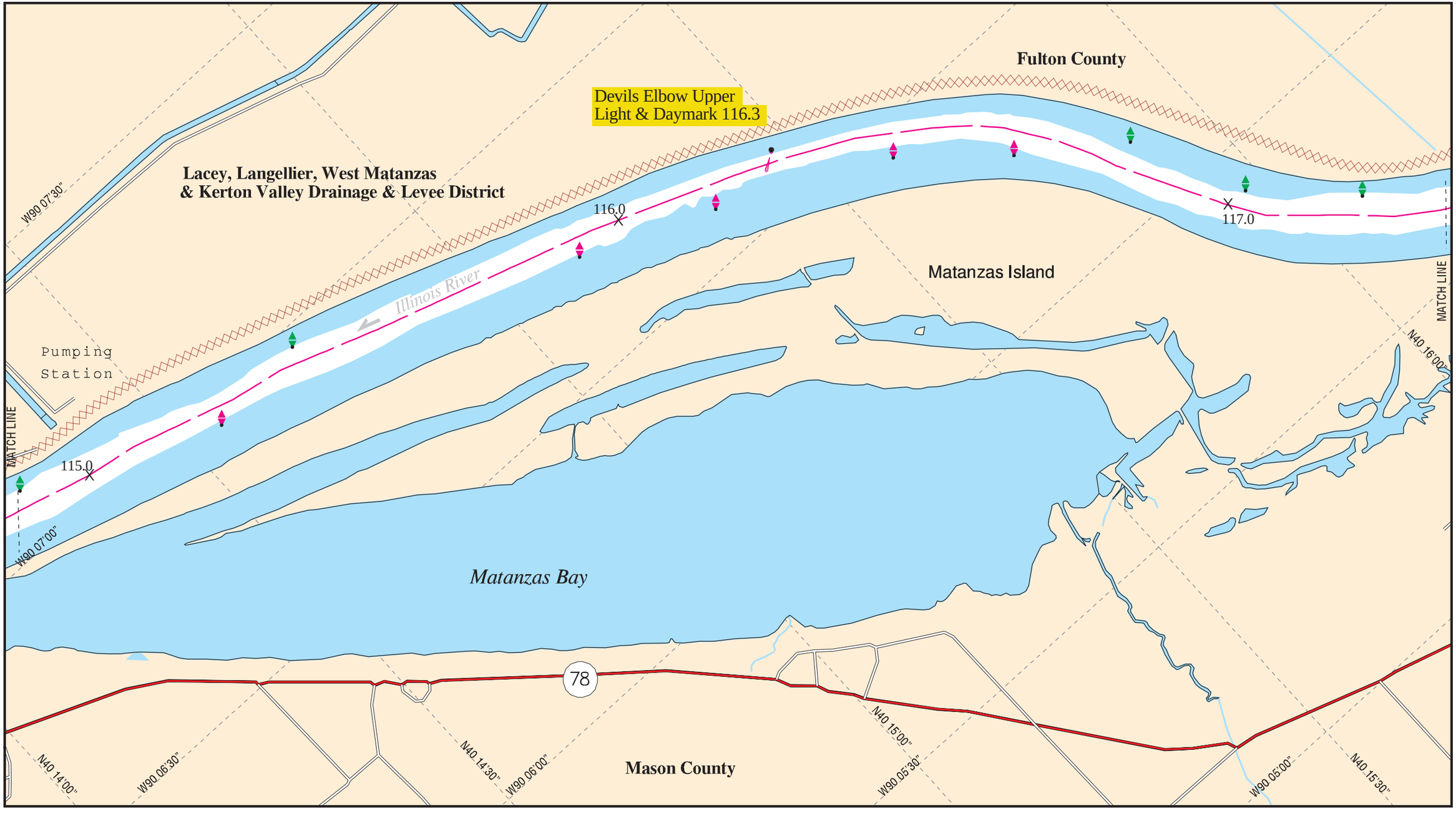
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 44

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 114.6 TO 117.2



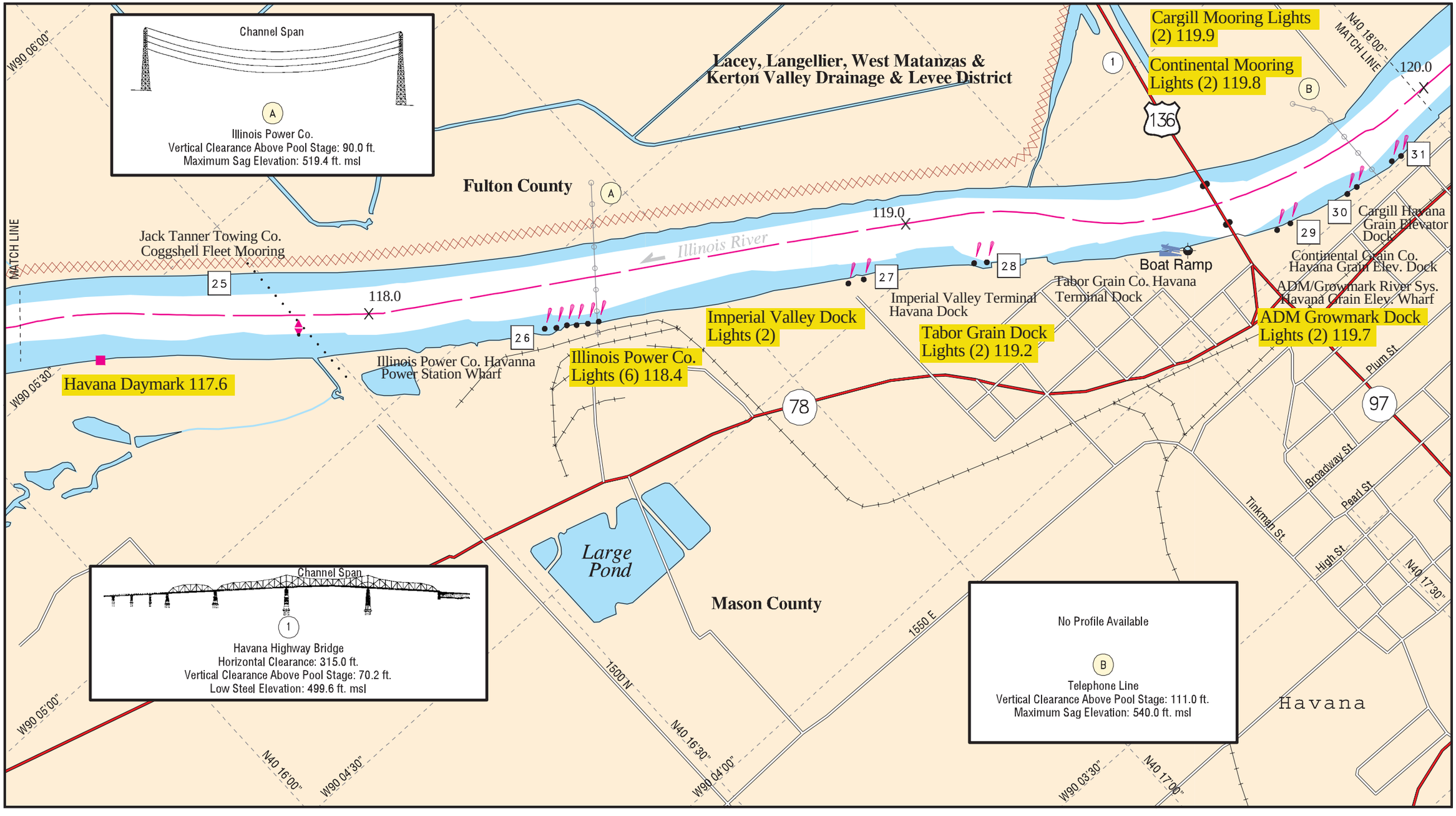
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 45

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 117.2 TO 120.0



1998

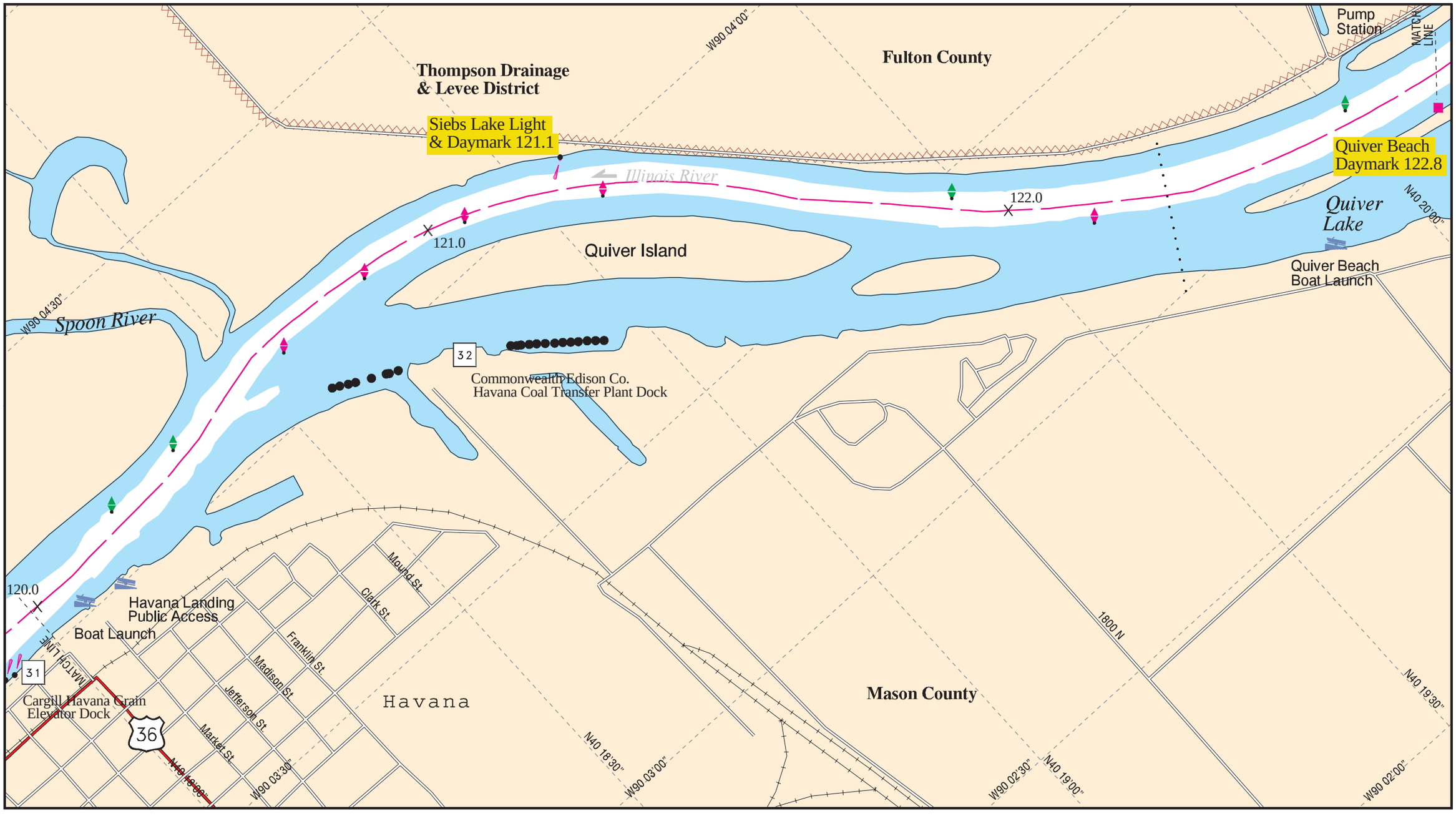
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 46

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 120.0 TO 122.7



1998

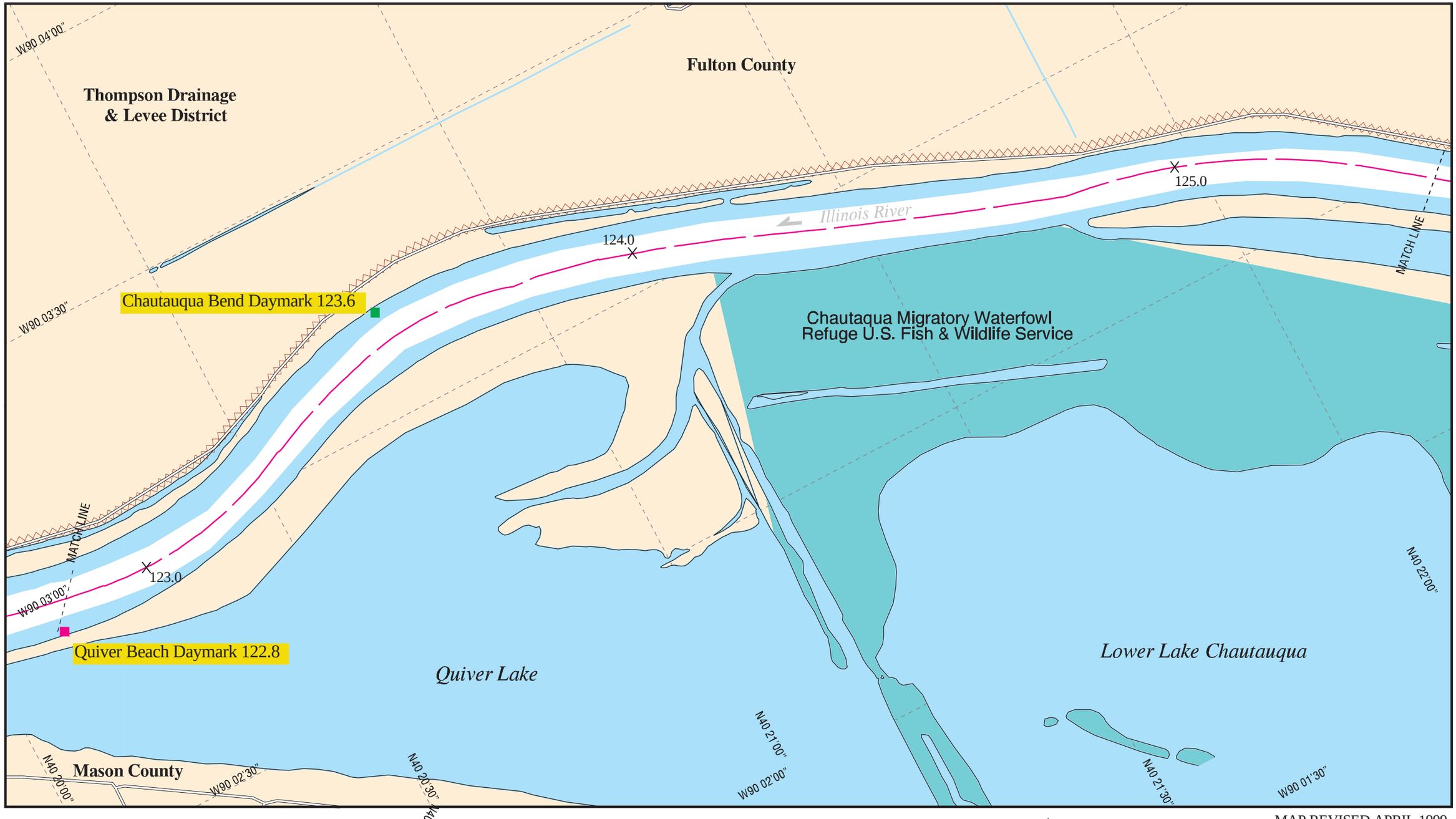
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 47

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 122.7 TO 125.5



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

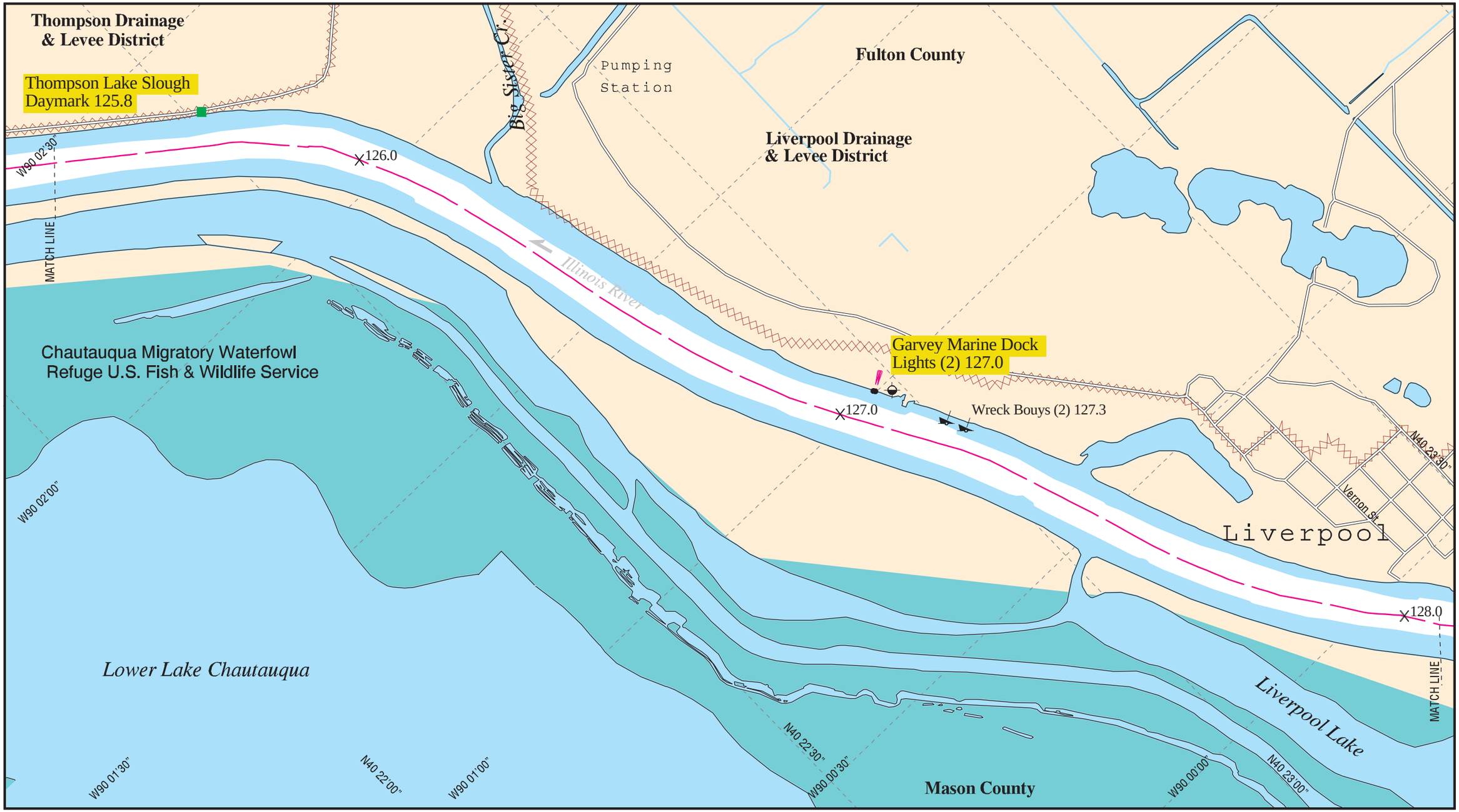
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP REVISED APRIL 1999
REF. NAV NOTICE IW99-05

MAP NO. 48

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 125.5 TO 128.0



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 49

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 9.5 TO 12.2

W90 35'00"

W90 35'30"

Calhoun County

Channel Span

A

Central Illinois Public Service Co.
Vertical Clearance Above Pool Stage 93.0 ft
Maximum Sag Elevation: 522.4ft msl

Bundy Lake

Taylor Lake

Mark Twain National Wildlife Refuge

Greuters Landing
Light & Daymark 10.3

W90 34'30"

10.0

Fuller Lake

MATCH LINE

11.0

A

Deep Lake

Illinois River

MATCH LINE

12.0

W90 34'00"

Flat Lake

Coon Creek Landing
Light & Daymark 12.1

N39 00'00"

Long Lake

Fowler Lake

Long Lake Access Area

Jersey
County

Brushy Lake

N39 00'30"

N39 01'00"

N39 01'30"

N39 02'00"

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

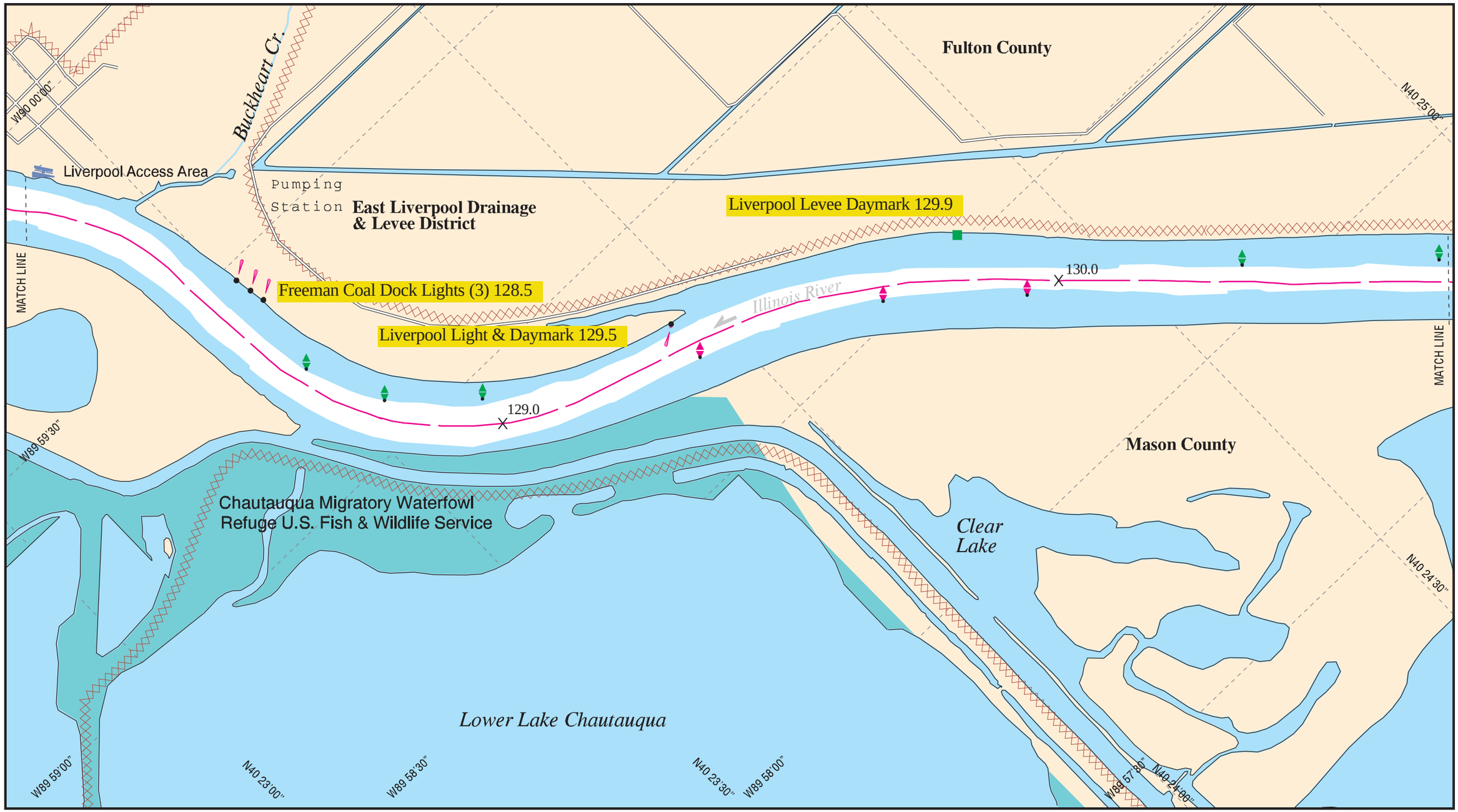
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W S N E

MAP NO. 5

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 128.0 TO 130.5



1998

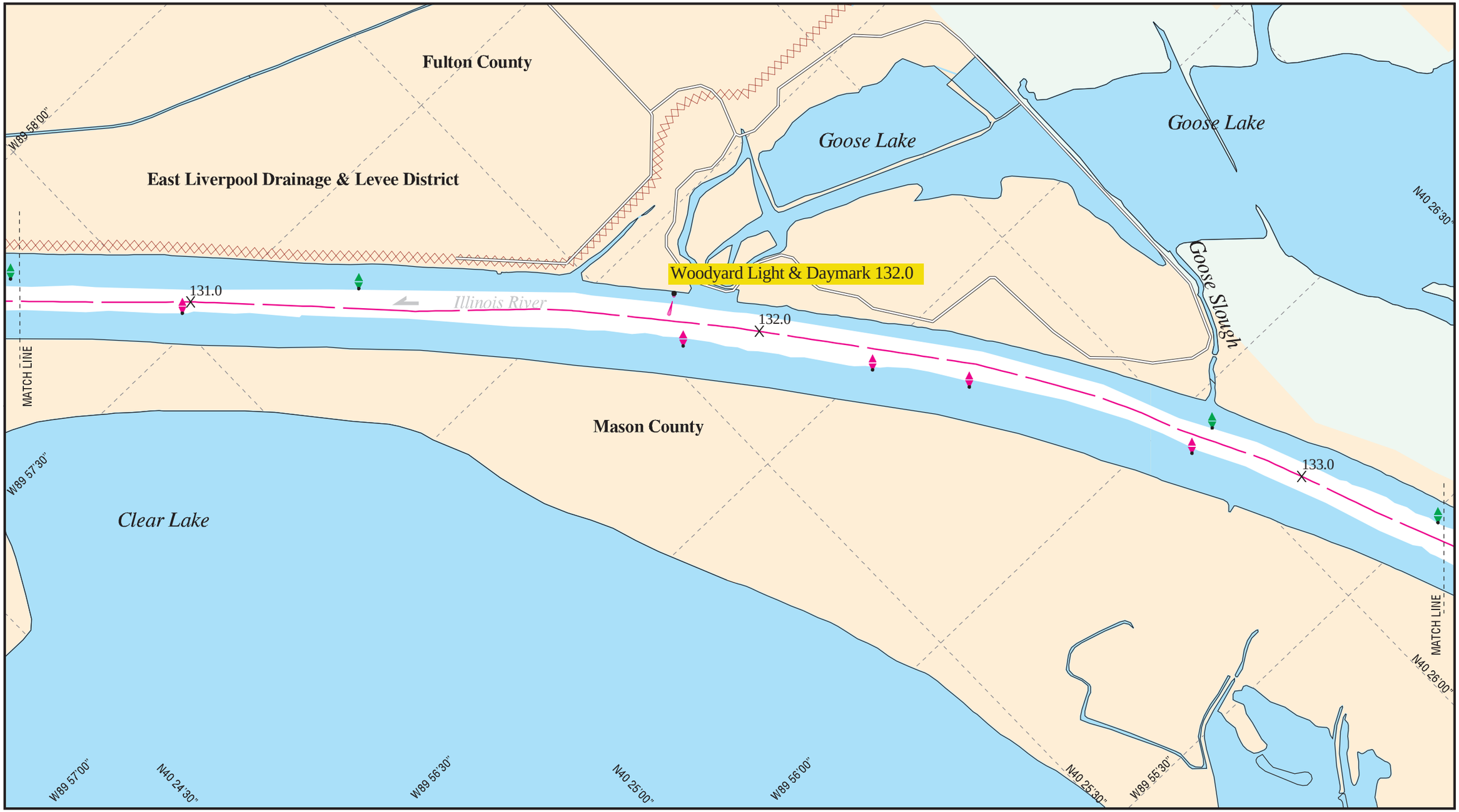
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 50

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 130.5 TO 133.3



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

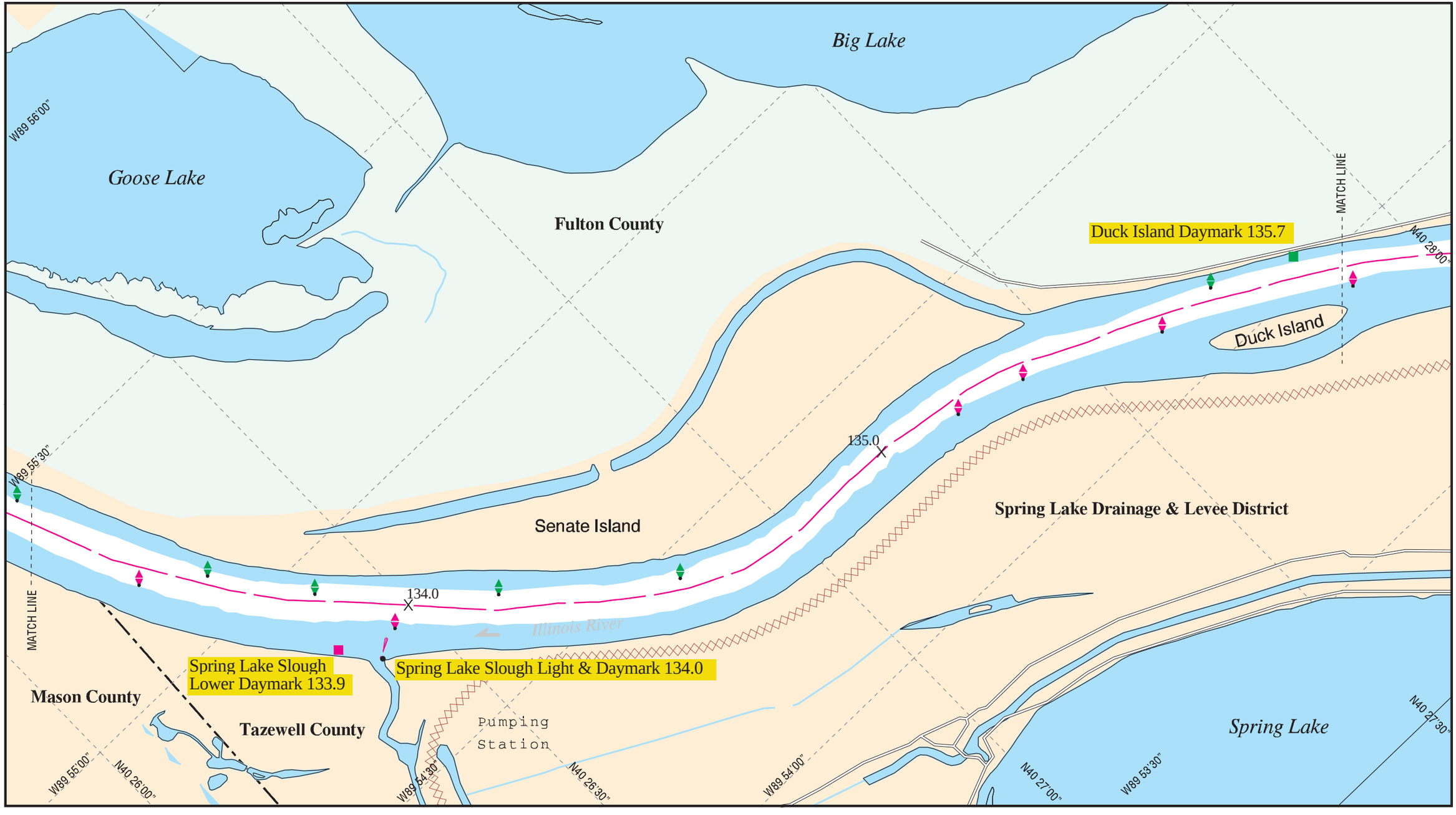
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP REVISED APRIL 1999
REF. NAV NOTICE IW99-05

MAP NO. 51

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 133.3 TO 135.8



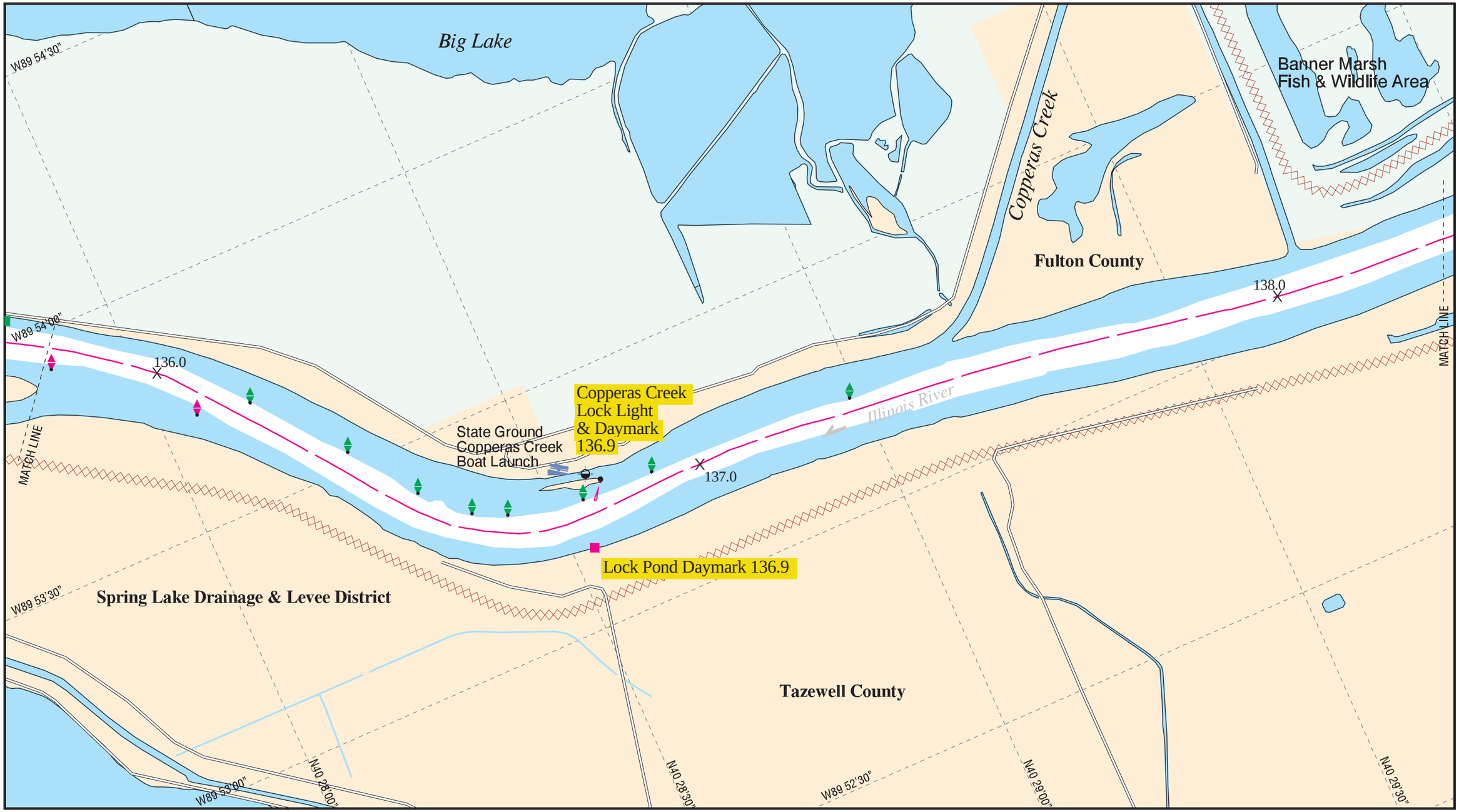
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 52

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 135.8 TO 138.3



1998

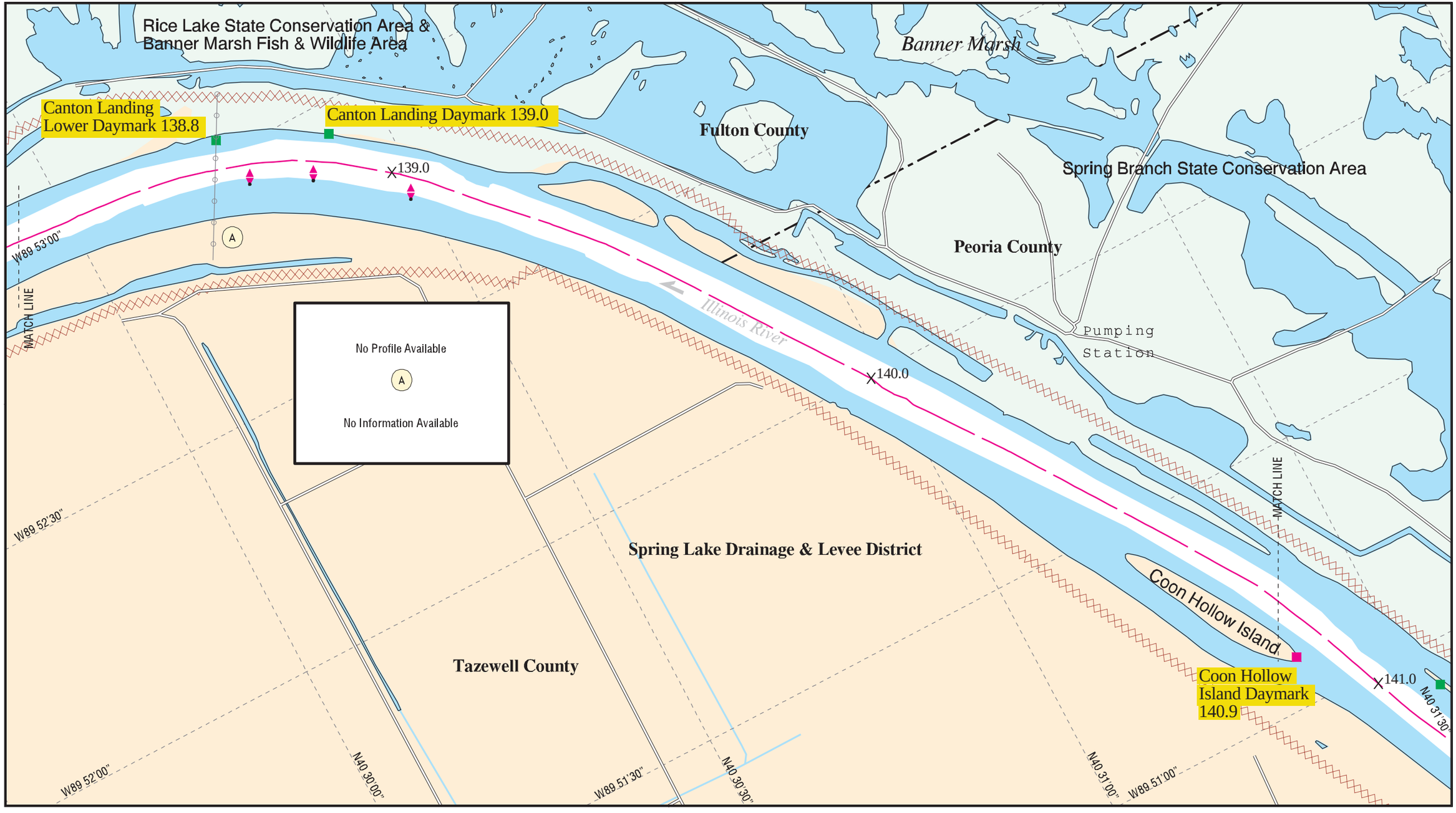
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 53

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 138.3 TO 141.0



1998

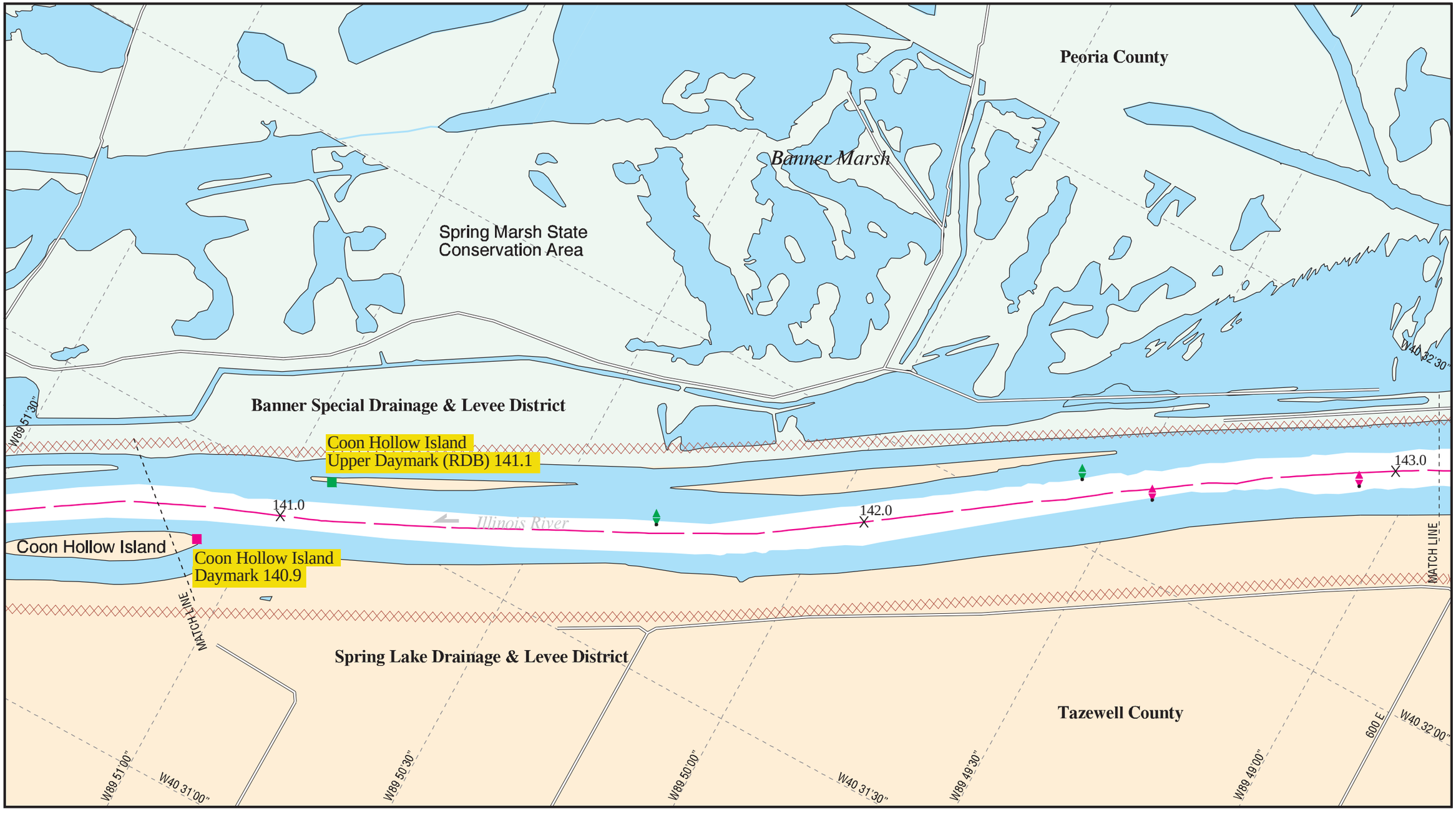
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 54

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 141.0 TO 143.0



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

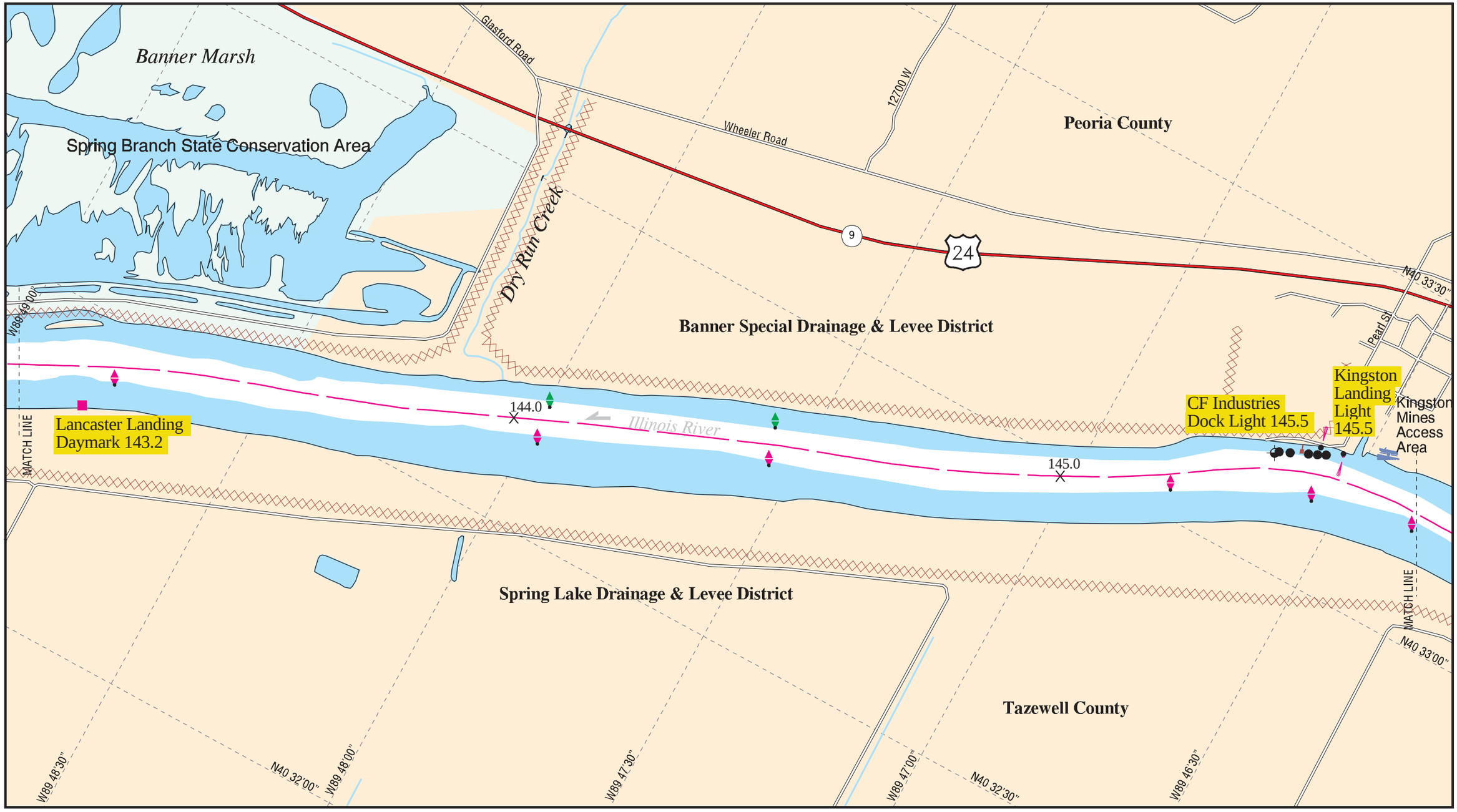
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 55

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 143.0 TO 145.5



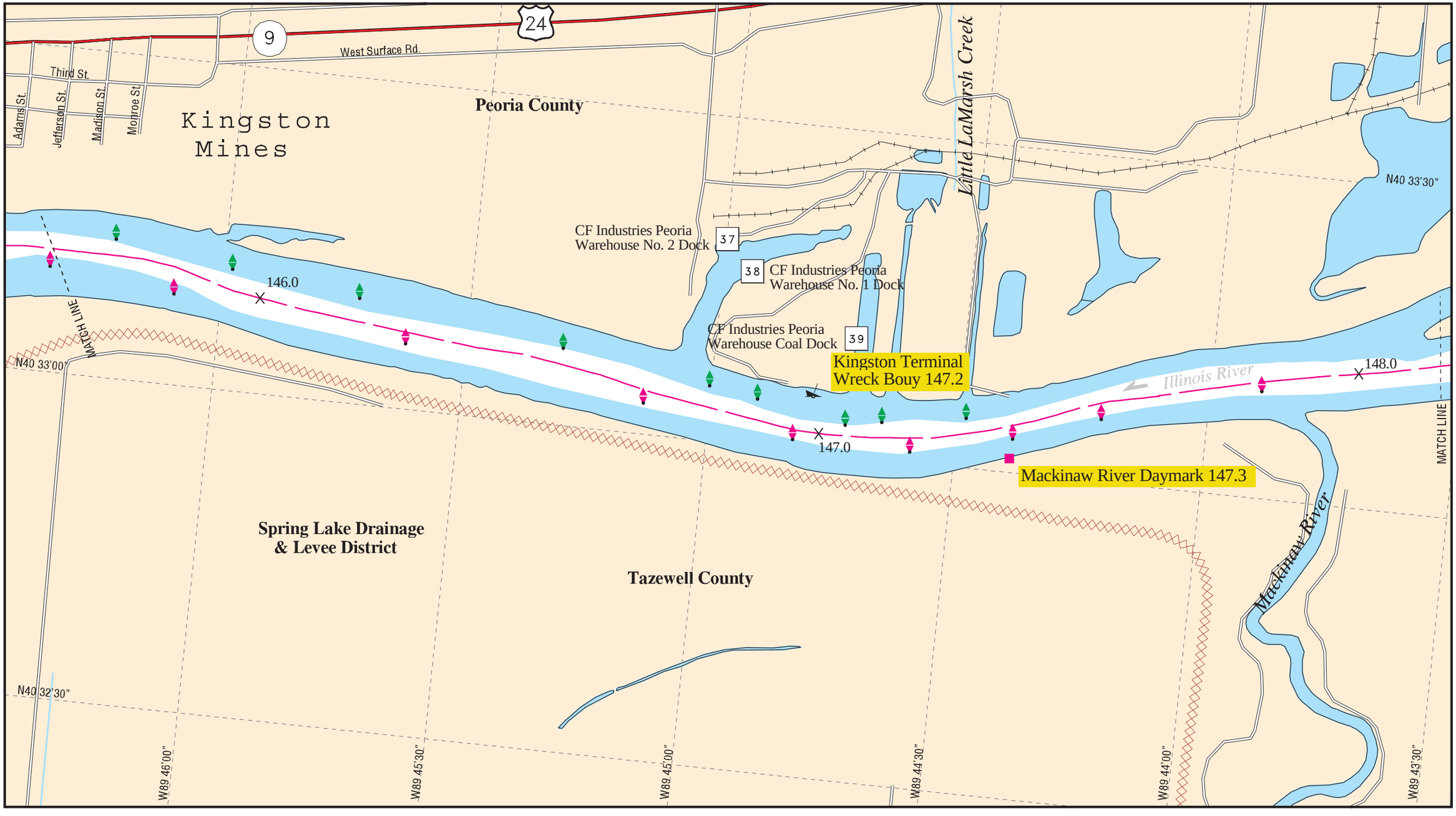
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 56

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 145.5 TO 148.1



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

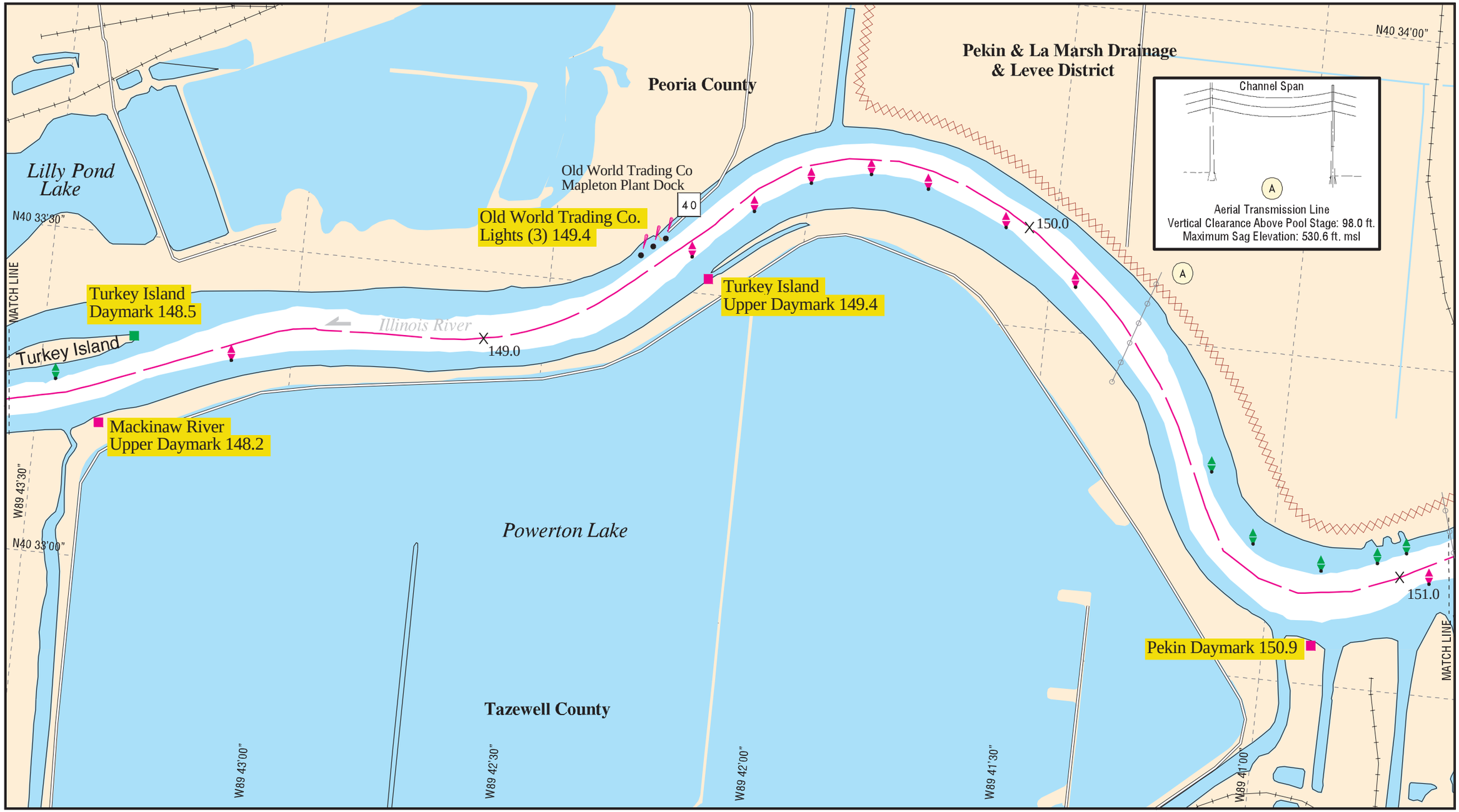
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 57

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 148.1 TO 151.0



1998

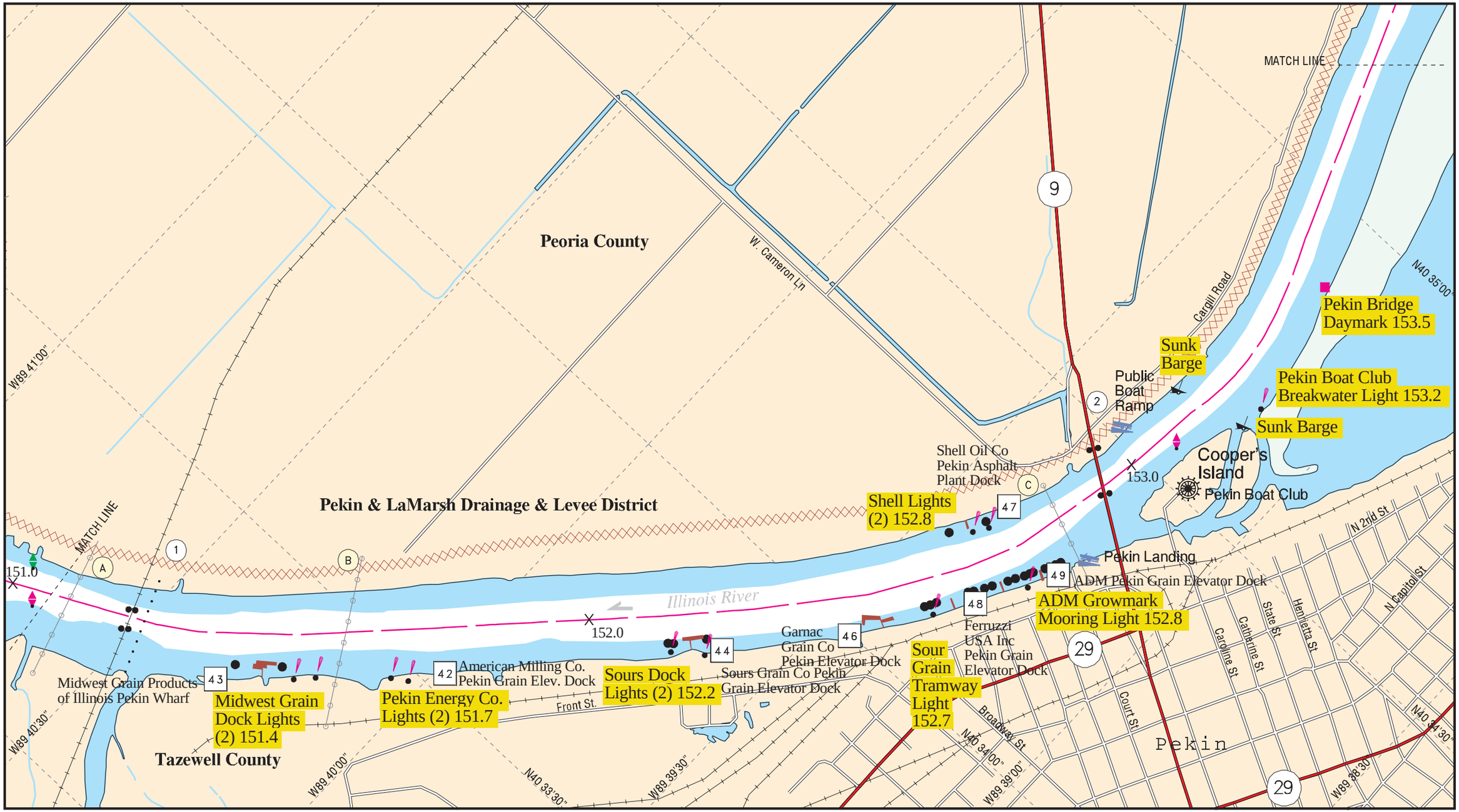
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

N W E S

MAP NO. 58

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 151.0 TO 153.7



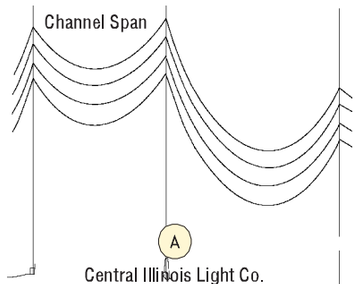
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

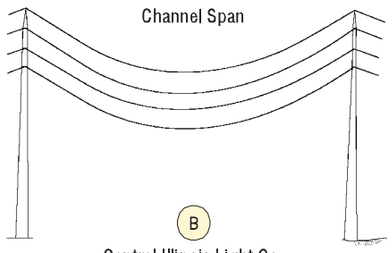
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

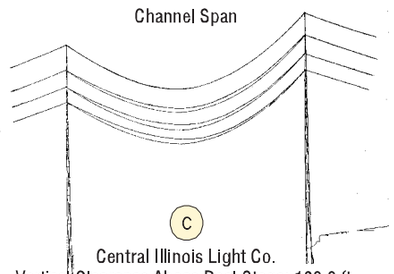
MAP NO. 59



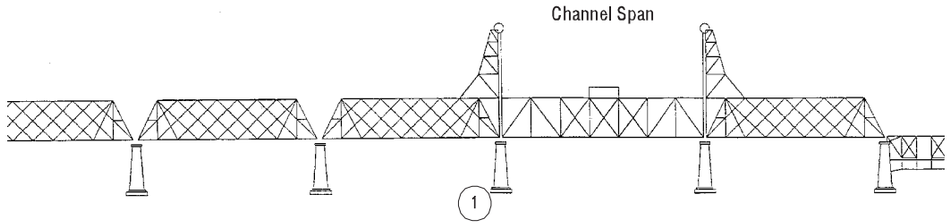
Central Illinois Light Co.
Vertical Clearance Above Pool Stage: 104.4 ft.
Maximum Sag Elevation: 533.4 ft. msl



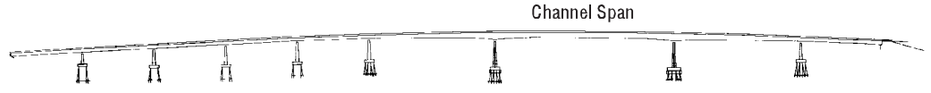
Central Illinois Light Co.
Vertical Clearance Above Pool Stage: 118.1 ft.
Maximum Sag Elevation: 547.5 ft. msl



Central Illinois Light Co.
Vertical Clearance Aboce Pool Stage: 100.0 ft.
Maximum Sag Elevation: 529.4 ft. msl



Union Pacific Railroad Bridge - Lift Span
Horizontal Clearance: 150 ft.
Vertical Clearance Above Pool Stage: 73.3 ft. (Open)
Vertical Clearance Above Pool Stage: 34.3 ft. (Closed)
Low Steel Elevation: 502.7 ft. msl (Open)
Low Steel Elevation: 463.7 ft. msl (Closed)



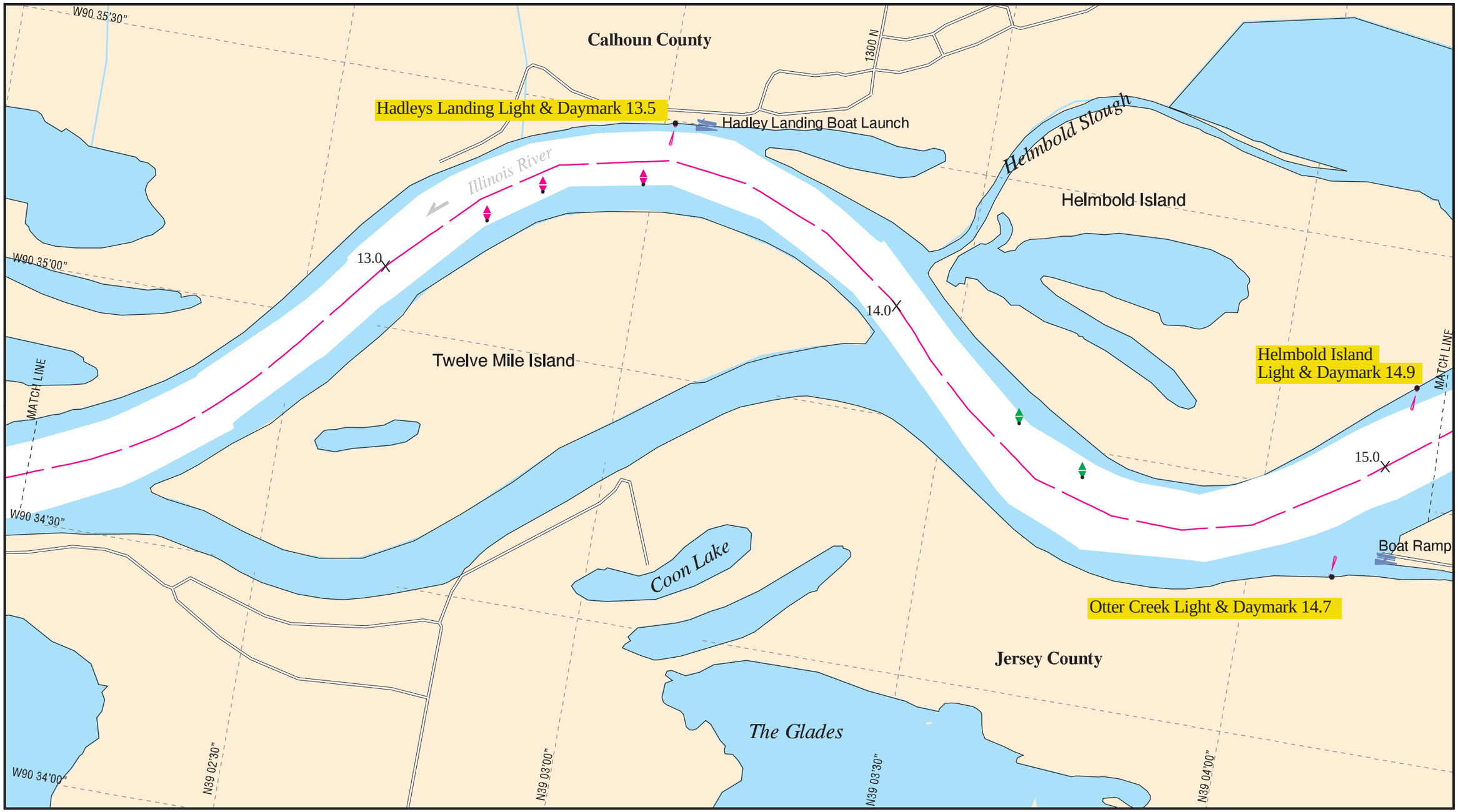
John T. McNaughton Bridge
Horizontal Clearance: 430.0 ft.
Vertical Clearance Above Pool Stage: 72.2 ft.
Low Steel Elevation: 501.6 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

SUPPLEMENTAL TO MAP NO. 59

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 12.2 TO 15.1



1998

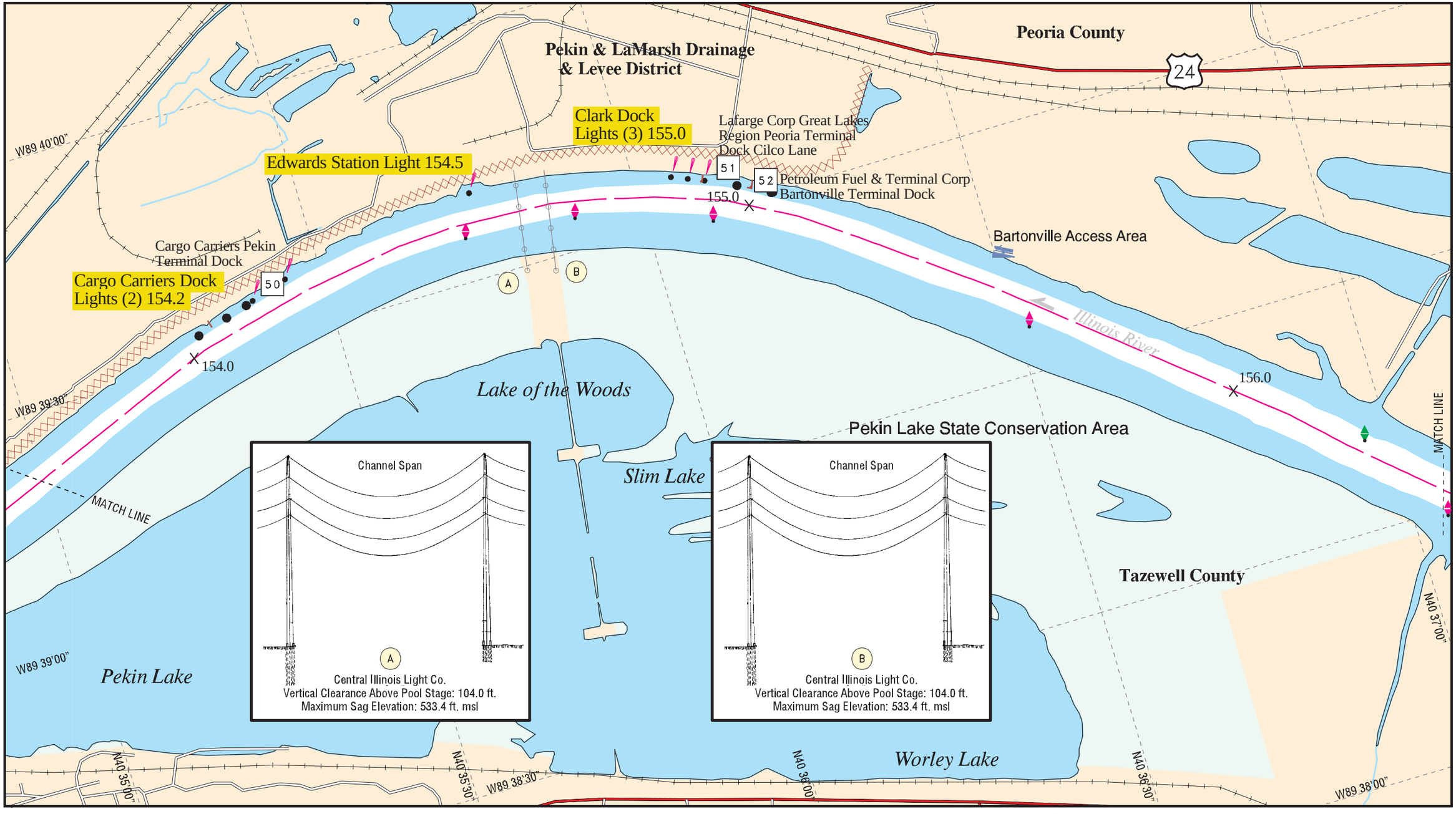
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 6

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 153.7 TO 156.4



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 60

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 156.4 TO 159.0

MATCH LINE

Peoria County

W89 38'30"

Illinois River

157.0

Agrico Chemical Co
North Pekin Terminal Dock 53

Agricultural Minerals
Dock Lights (2) 157.3

High Water Sailing Line

Lick Creek

W89 38'00"

Keystone Levee

Peoria Lock
& Dam 157.6

RESTRICTED
AREA

1

158.0

54 Keystone Steel & Wire Co

Tazewell County

29

W89 37'30"

Elm St.

North
Pekin

N40 37'00"

W89 37'00"

N40 37'30"

Amoco Oil Co North
Pekin Terminal Barge Dock 55

Amoco Terminal
Lights (2) 158.1

ADM
Terminal

56

Central
Illinois
Dock
Lights
(2) 158.3

58

Central
Illinois
Dock Co
Upper Dock

57

Hicks Oil
& Hicks Gas Dock

Wesley Road

159.0

59

Kellers Peoria Harbor &
Fleeting Service Creve Coeur Landing

N40 38'00"

N40 38'30"

W89 36'30"

N40 39'00"

MATCH LINE

474

Downstream Lock Light Signals

R
A
G

Lock Signal Lights

G
G

Two Green Lights
shown when there is
no navigable pass
thru the dam

R
R

Two Red Lights
shown when there is
a navigable pass
thru the dam

Upstream Lock Light Signals

R
A
G

Lock Signal Lights

G
G
G

Three Green Lights
shown when there is no
navigable pass thru
the dam

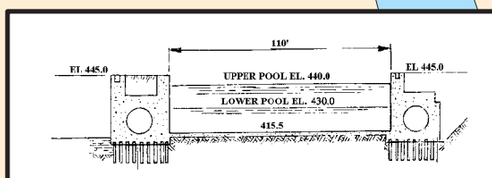
R
R
R

Three Red Lights
shown when there is a
navigable pass thru
the dam

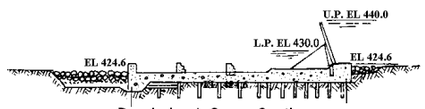
Channel Span

1

Shade-Lohman Bridge
Horizontal Clearance: 500 ft.
Vertical Clearance Above Pool Stage: 64.8 ft.
Low Steel Elevation: 504.8 ft. msl



Peoria Lock Elevation
Looking Upstream



Peoria Lock Cross Section
Thru Chanione Wicket

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

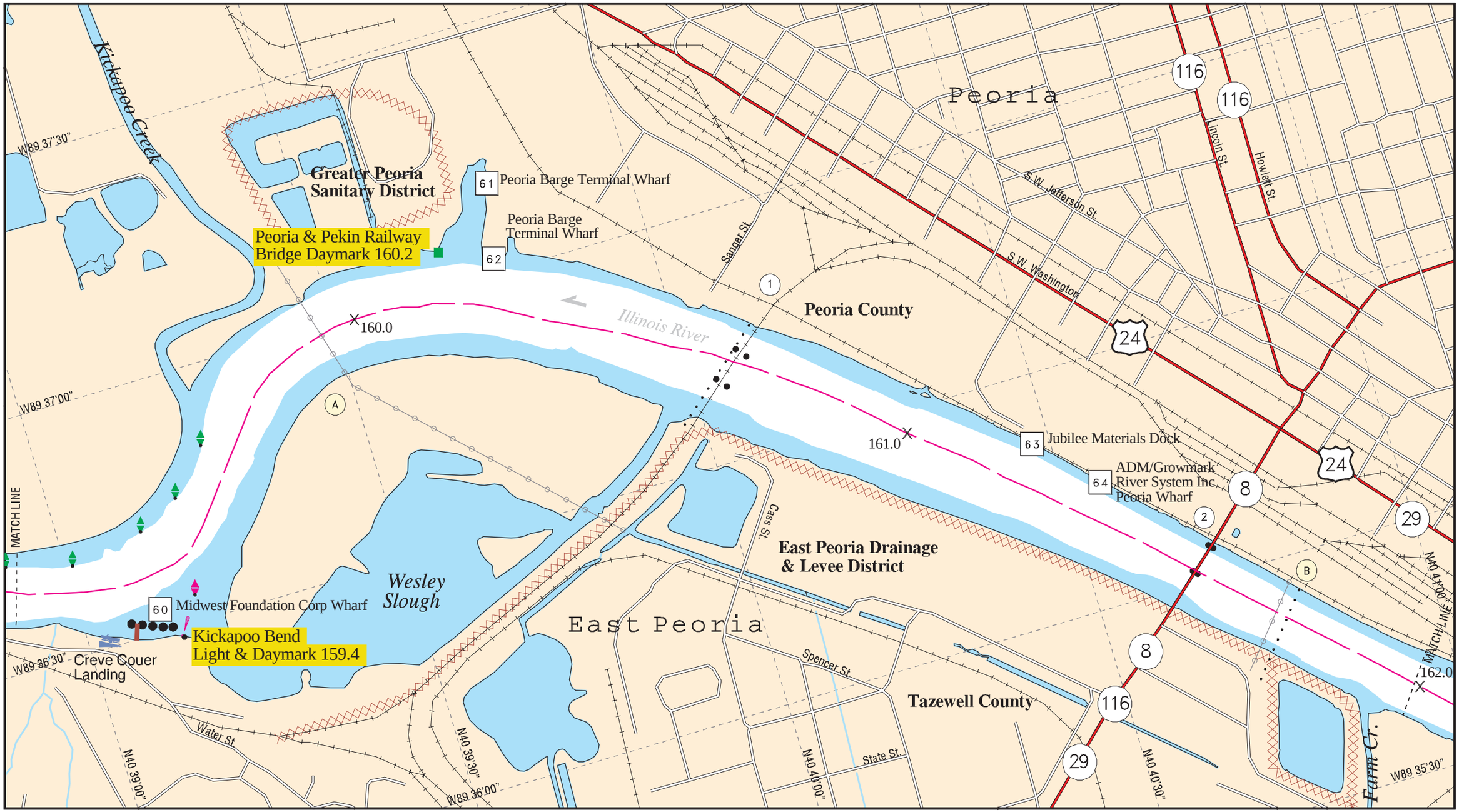
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 61

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 159.0 TO 162.0

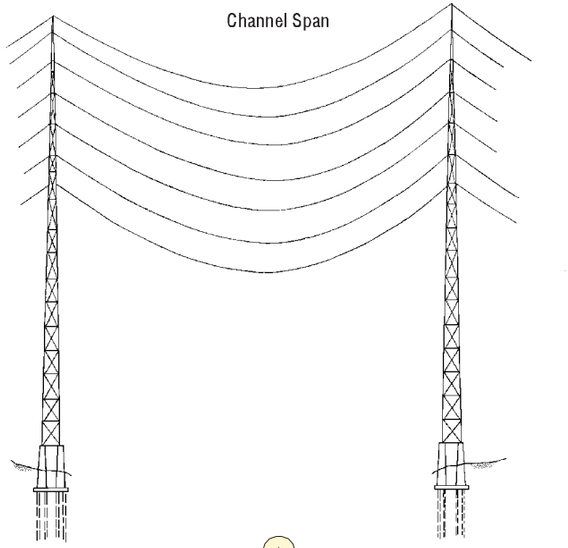


1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 62



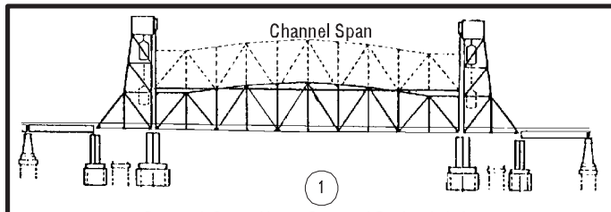
A

Central Illinois Light Co.
Vertical Clearance Above Pool Stage: 87.0 ft.
Maximum Sag Elevation: 525.2 ft. msl

No Profile Available

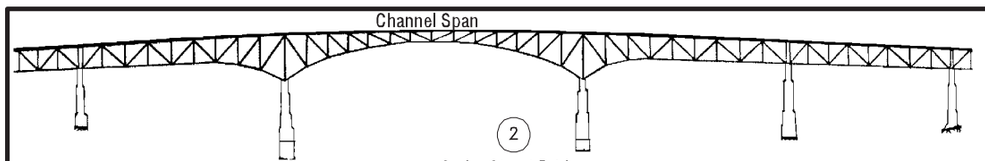
B

Ameritech Telephone Co.
Vertical Clearance Above Pool Stage: 87.0 ft.
Maximum Sag Elevation: 527.0 ft. msl



1

Peoria & Pekin Union Railroad Bridge-Lift Span
Horizontal Clearance: 307.0 ft.
Vertical Clearance Above Pool Stage: 66.0 ft. (Open)
Vertical Clearance Above Pool Stage: 19.3 ft. (Closed)
Low Steel Elevation: 506.0 ft. msl (Open)
Low Steel Elevation: 459.3 ft. msl (Closed)



2

Cedar Street Bridge
Horizontal Clearance: 280.0 ft.
Vertical Clearance Above Pool Stage: 86.0 ft.
Low Steel Elevation: 526.0 ft. msl

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 162.0 TO 164.3

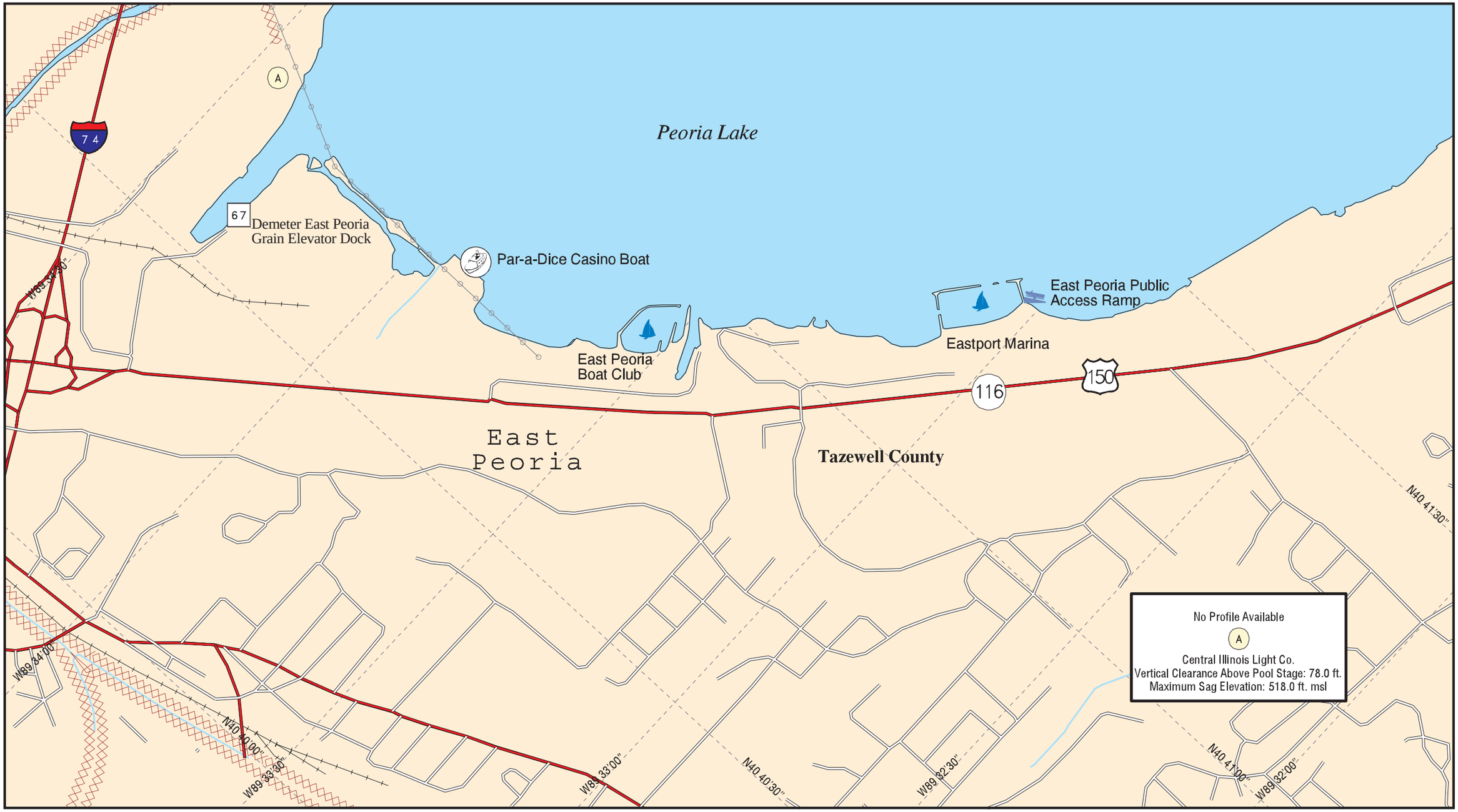
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 63



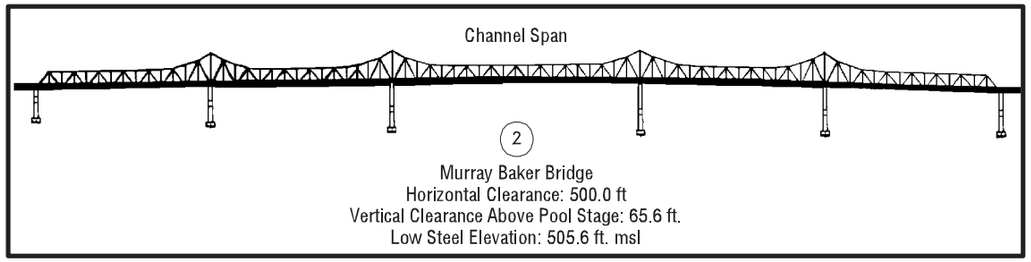
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 63A



No Profile Available

1

Bob Michel Bridge
Horizontal Clearance: 305.0 ft
Vertical Clearance Above Pool Stage: 63.4 ft.
Low Steel Elevation: 503.4 ft. msl

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 164.3 TO 166.9

U.S. Army Corps of Engineers
Illinois Waterway Project Office

N. Adams St.

Peoria

Komatsu
Dresser
Levee

Wharf Harbor
Marina

Peoria County

Peoria Lake Narrows
Light & Daymark 166.6

MATCH LINE

MATCH LINE

LeTourneau Point
Light & Daymark 164.4

W89 33'30"

Illinois River

166.0

McCluggage Bridge
Light & Daymark 165.3

165.0

LeTourneau Point Upper
Light & Daymark 164.5

Avery Light &
Daymark 165.3

W89 33'00"

Peoria Lake

Carl Spindler
Marina

N40 42'00"

W89 32'30"

N40 42'30"

W89 32'00"

N40 43'00"

Tazewell County

N40 43'30"

N40 44'00"

Channel Span

A

Central Illinois Light Co.
Vertical Clearance Above Pool Stage: 85.0 ft.
Maximum Sag Elevation: 525.0 ft. msl

Channel Span

B

Central Illinois Light Co.
Vertical Clearance Above Pool Stage: 88.0 ft.
Maximum Sag Elevation: 528.0 ft. msl

Channel Span

1

McCluggage Bridge
Horizontal Clearance: 411.0 ft.
Vertical Clearance Above Pool Stage: 66.0 ft.
Low Steel Elevation: 506.0 ft. msl

1998

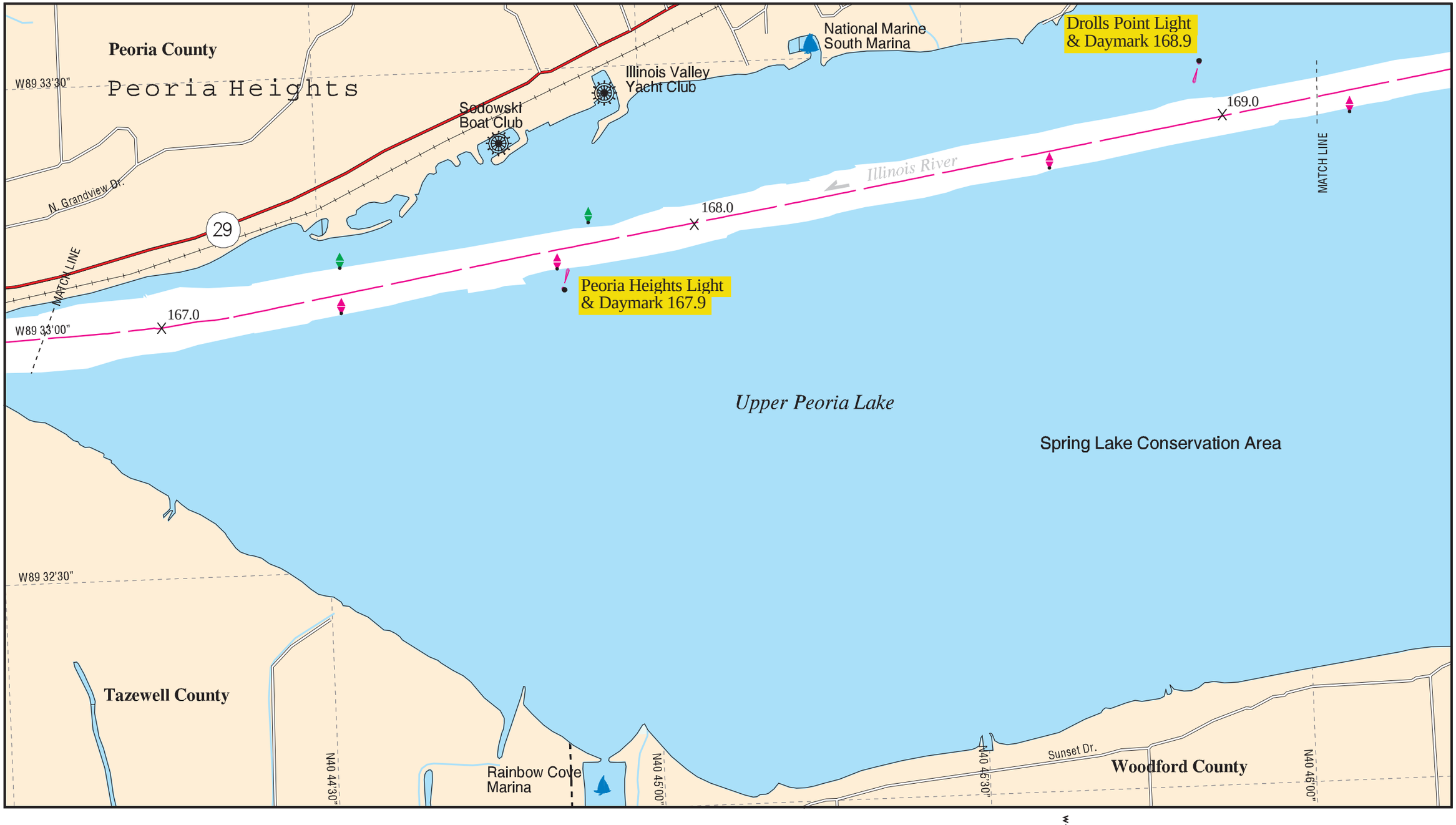
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 64

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 166.9 TO 169.3



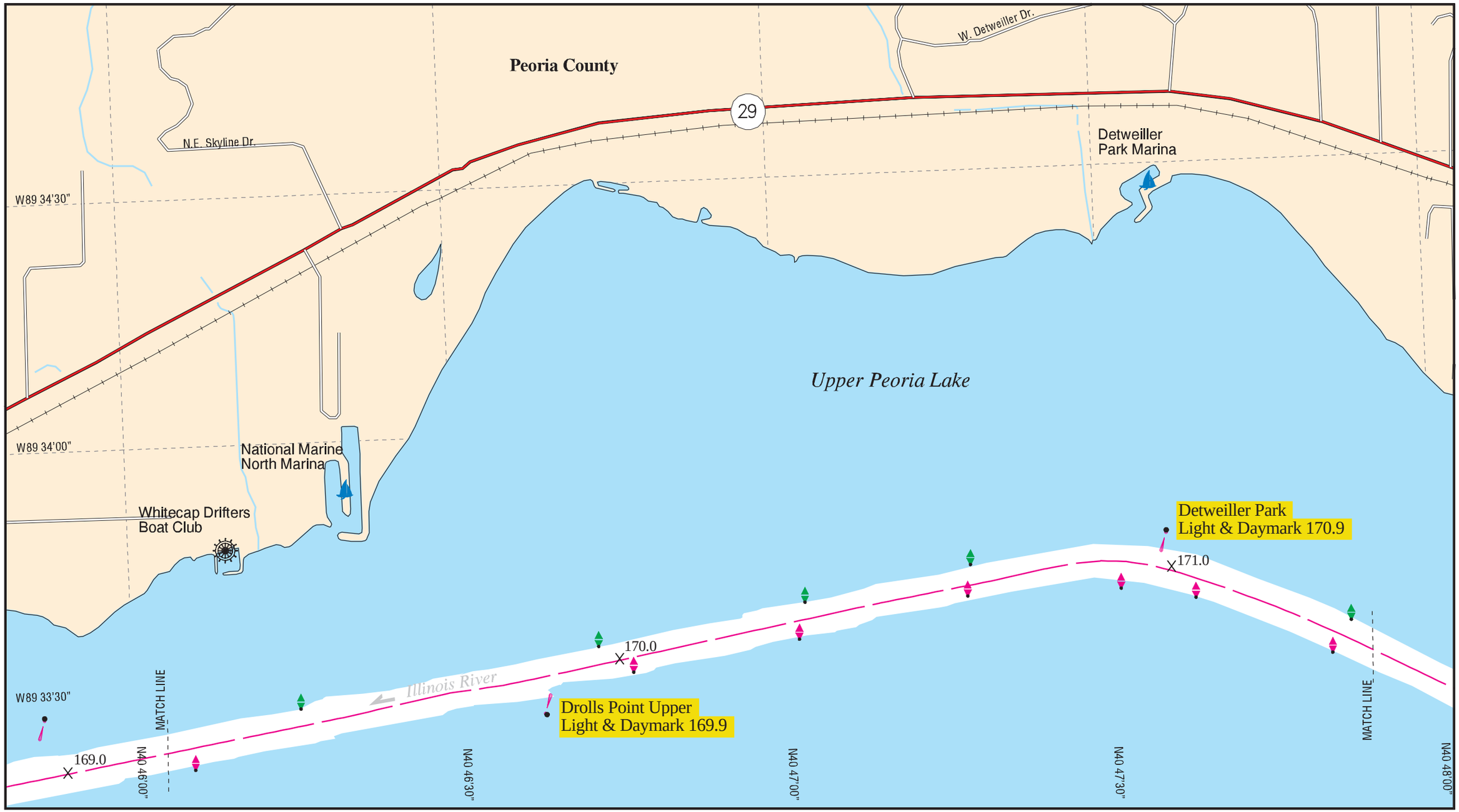
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 65

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 169.3 TO 171.2



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 66

W89 33'30"

Drolls Point Upper
Light & Daymark 169.9

W89 33'00"

Upper Peoria Lake

Spring Lake State
Conservation Area

W89 32'30"

Sunset Drive

Woodford County

Mill Point Lane

N40 46'30"

N40 47'00"

N40 47'30"

Bay View Garden

N40 48'00"

W89 32'00"

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W S N E

MAP NO. 66A

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 171.2 TO 172.3

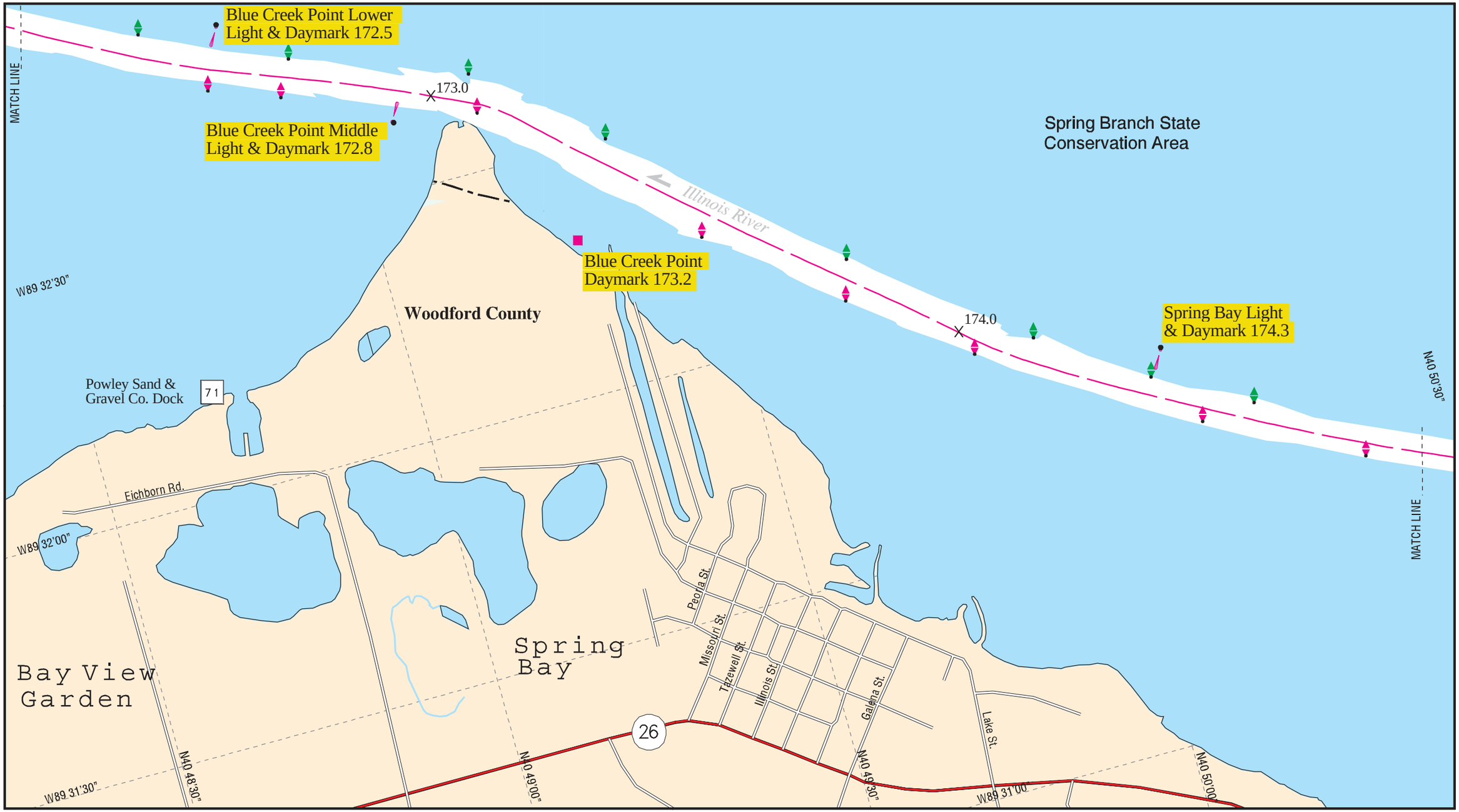
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 67

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 172.3 TO 174.8



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 68

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 172.3 TO 174.8

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 68A

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 174.8 TO 177.1

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 69

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 174.8 TO 177.1

1998

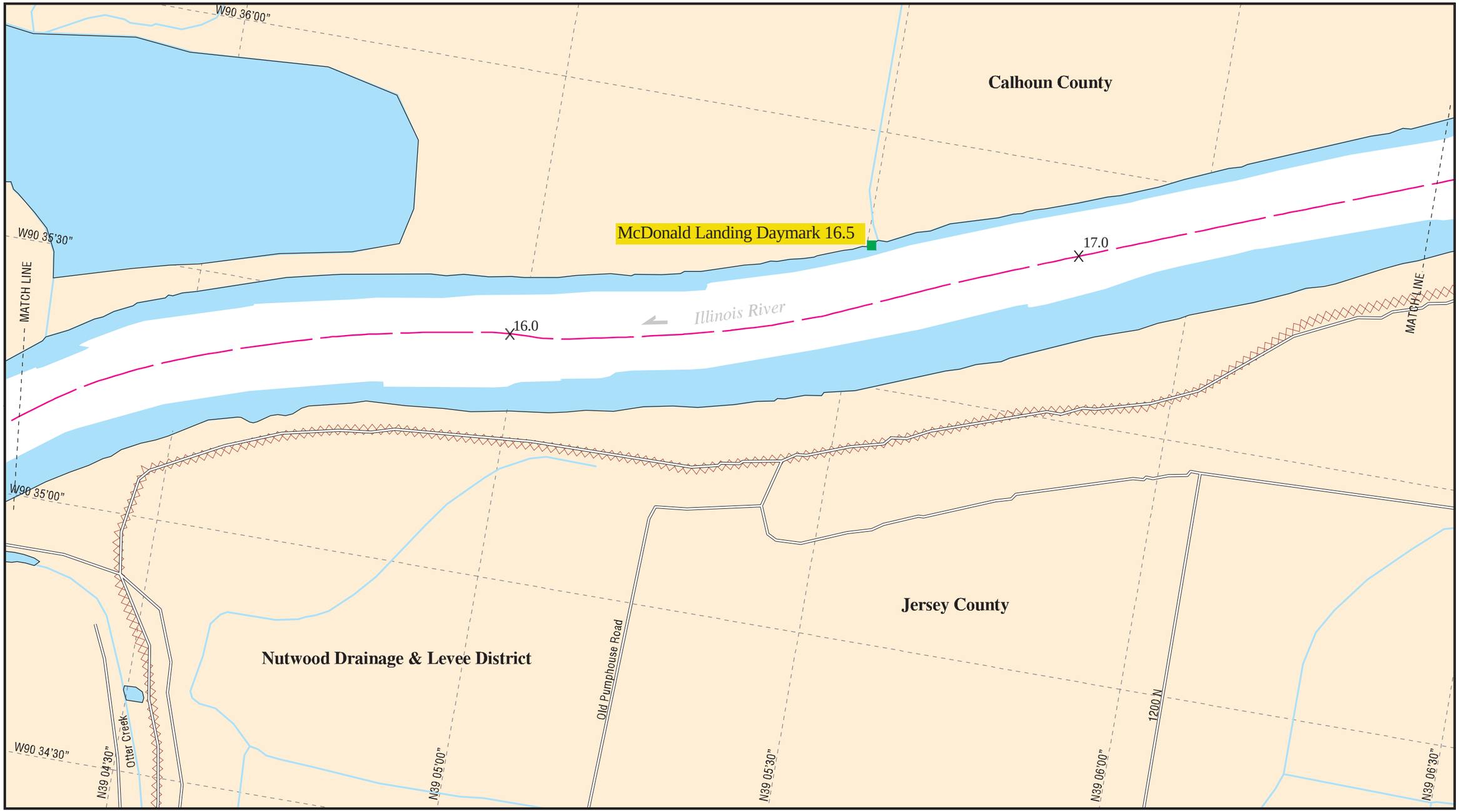
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 69A

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 15.1 TO 17.5



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 7

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 177.1 TO 179.6

1998

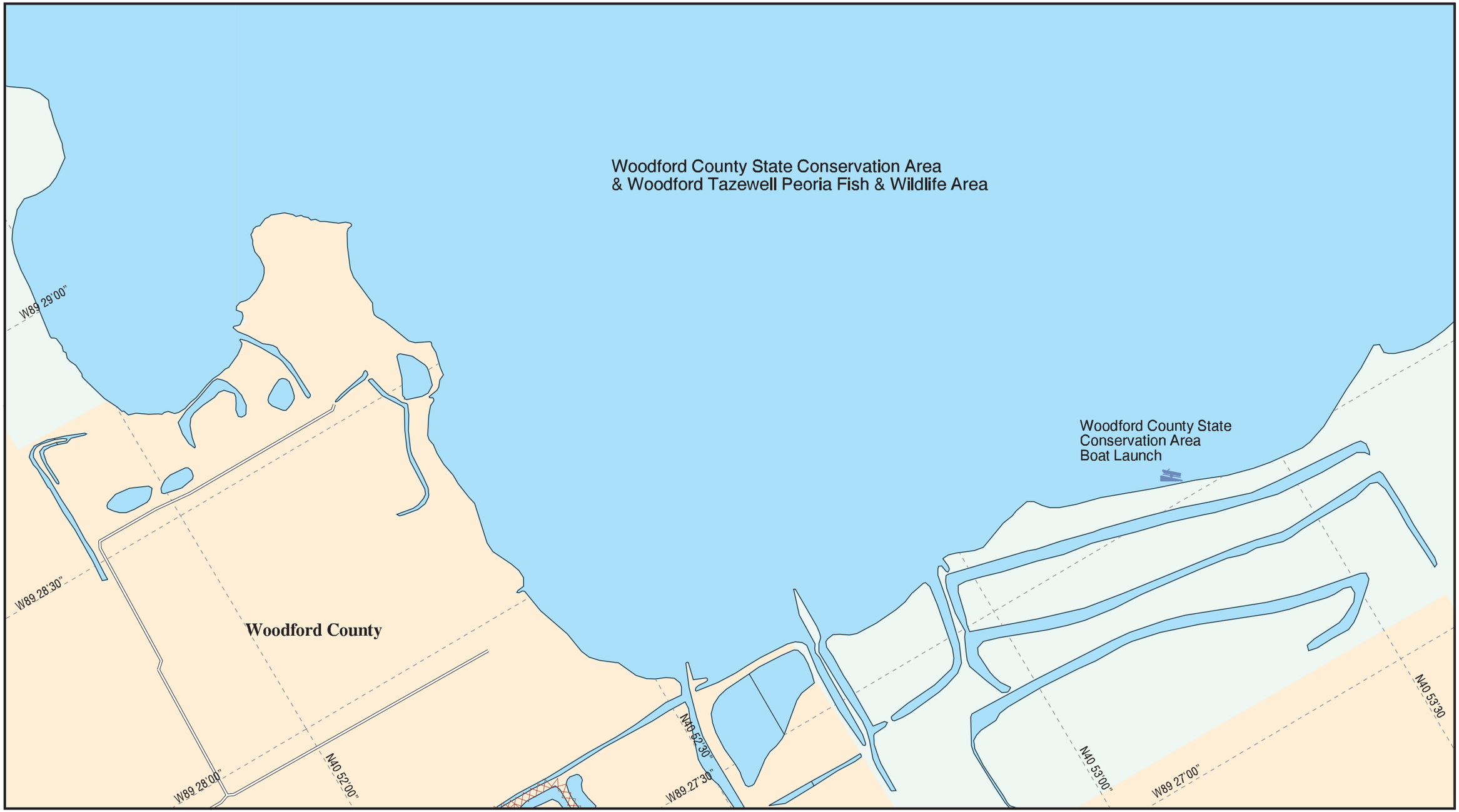
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 70

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 177.1 TO 179.6



1998

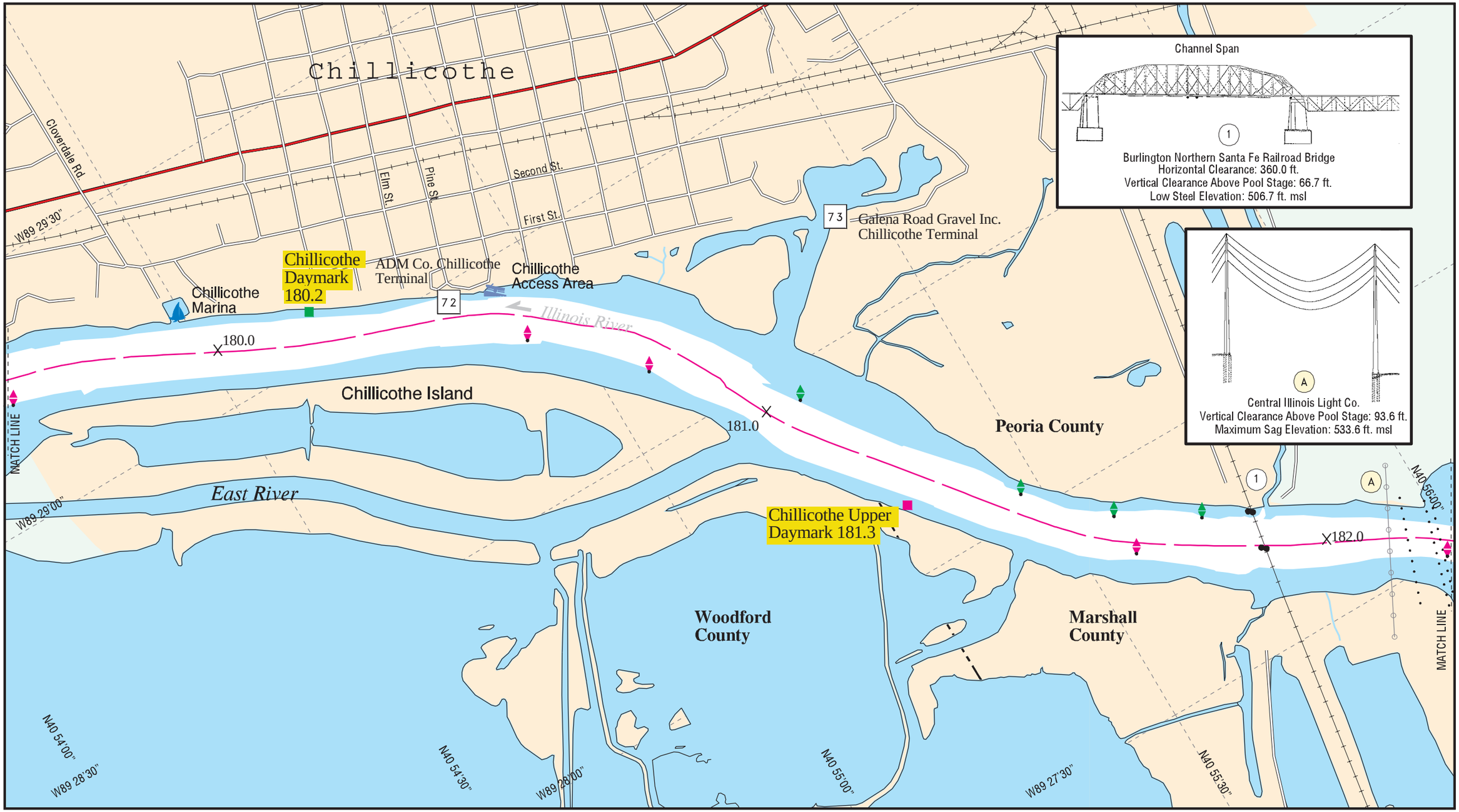
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 70A

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 179.6 TO 182.2



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N S E

MAP NO. 71

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 179.6 TO 182.2

1998

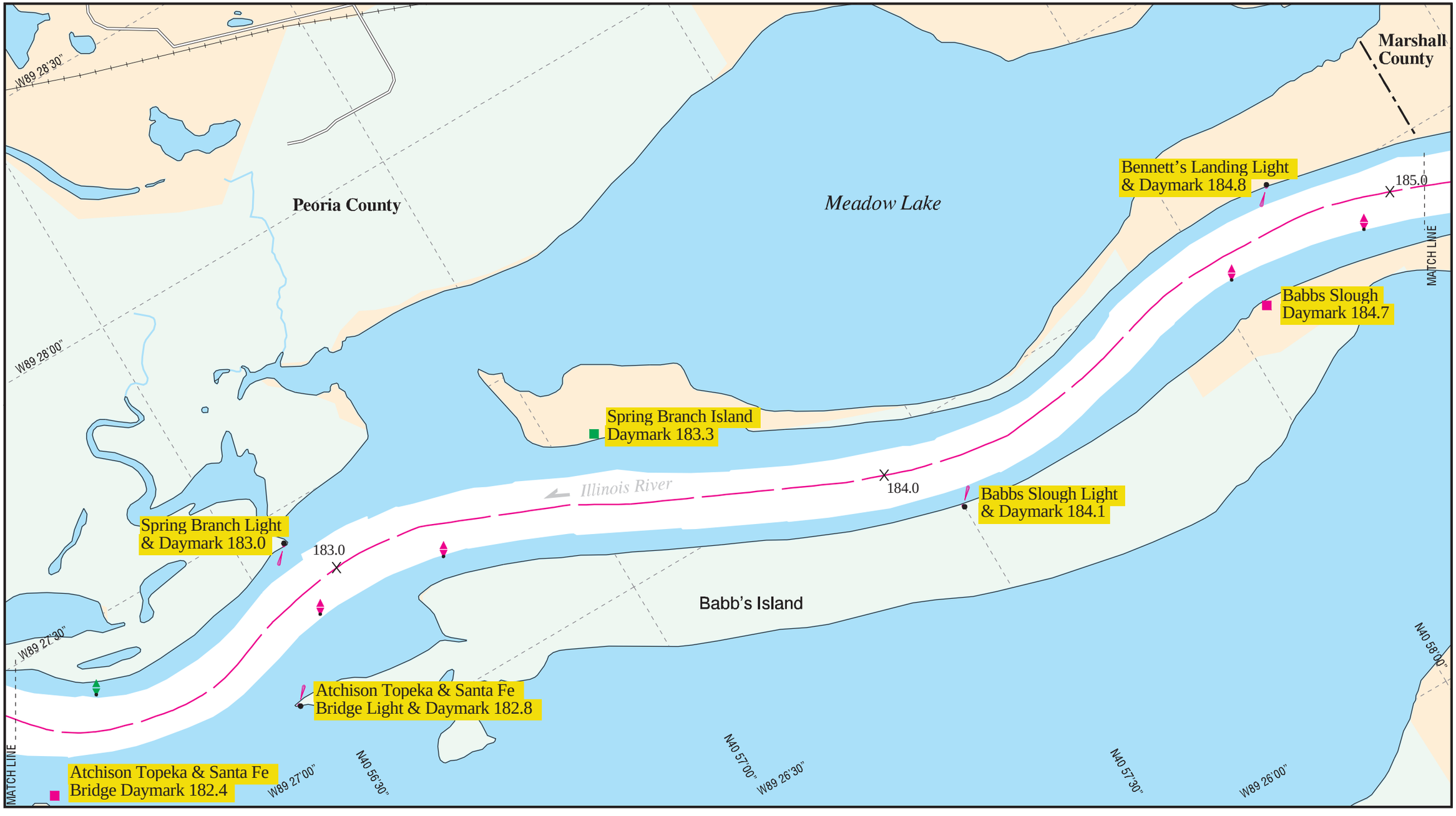
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 71A

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 182.2 TO 185.0



1998

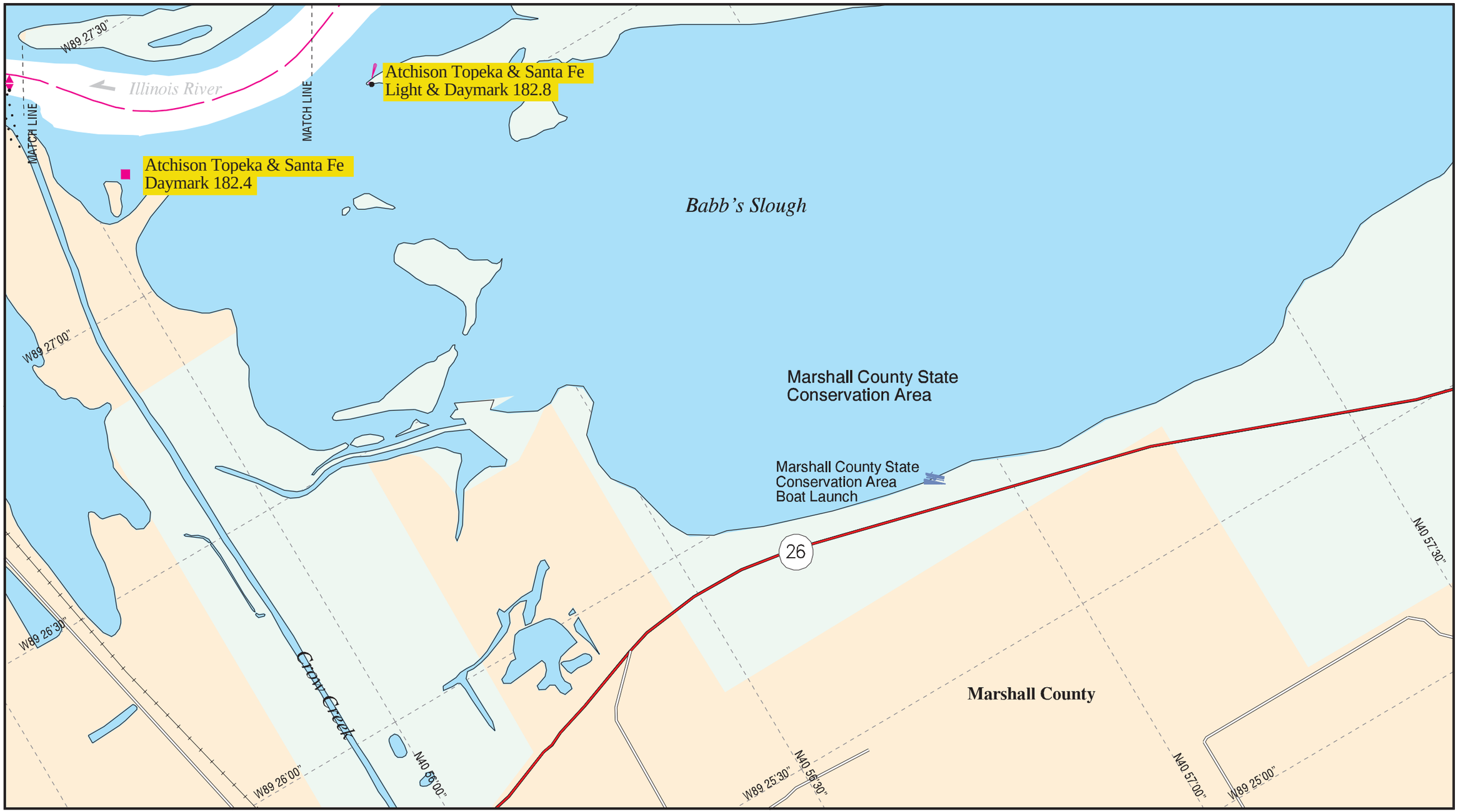
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 72

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 182.3 TO 185.0



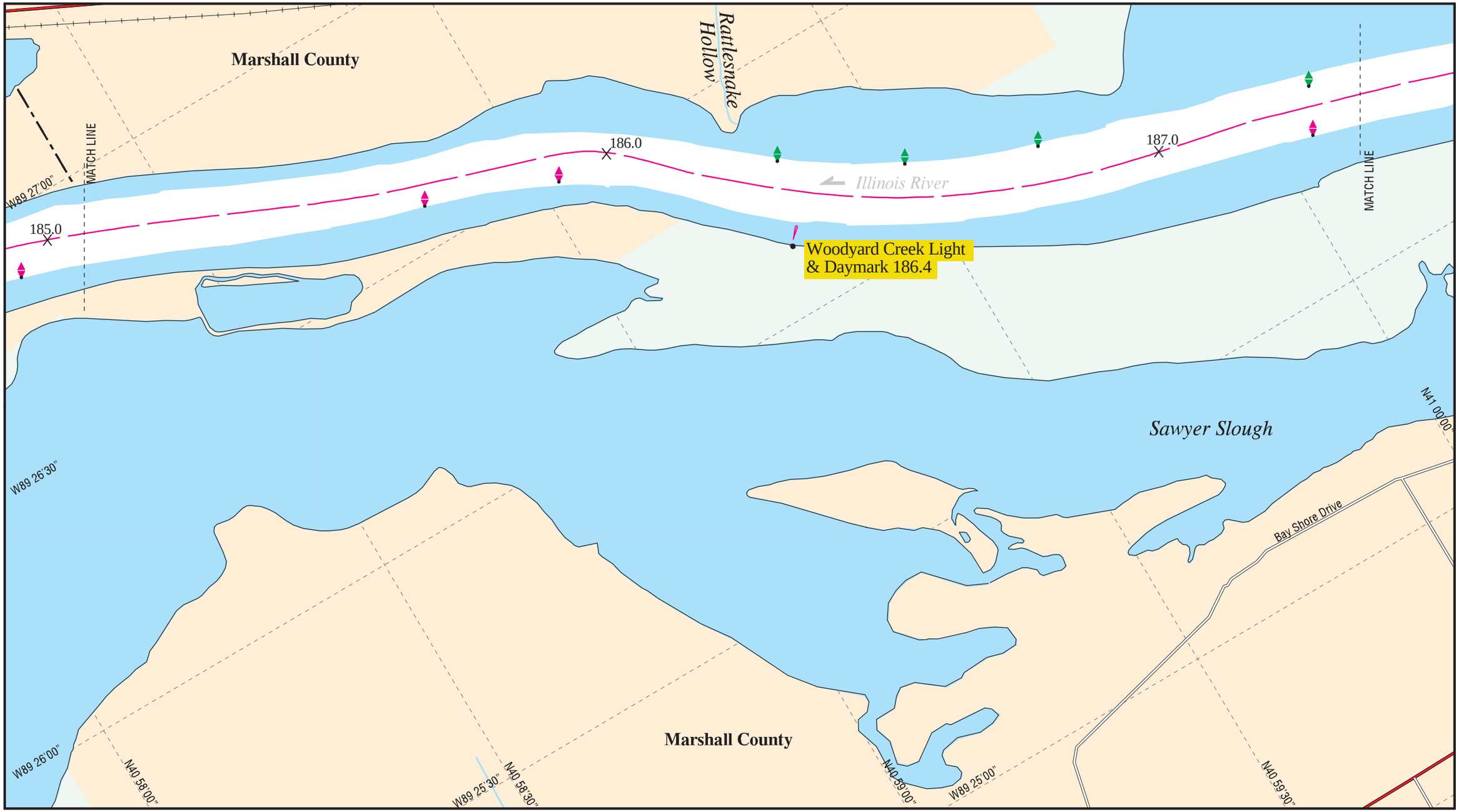
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 72A

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 185.0 TO 187.4



1998

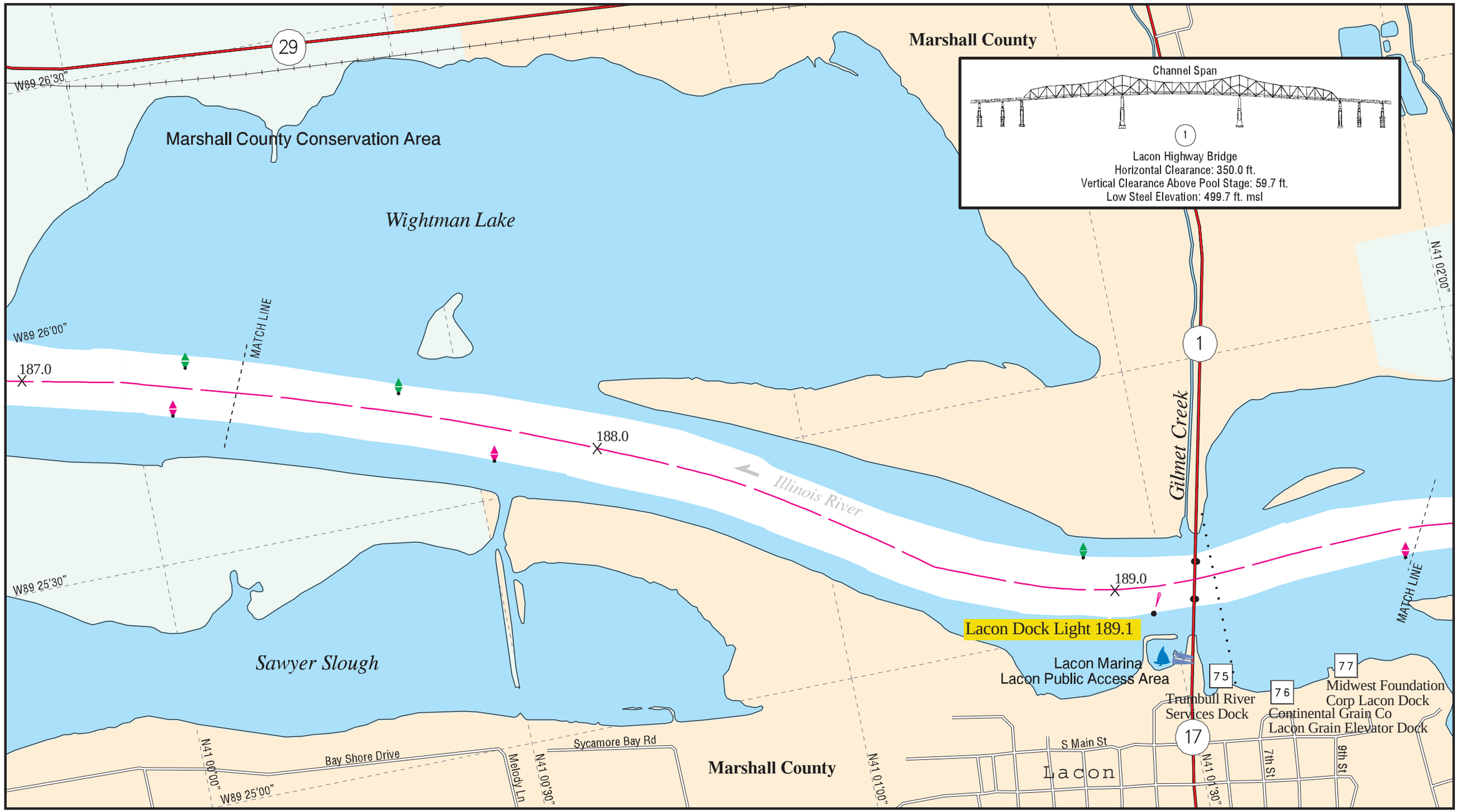
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 73

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 187.4 TO 189.5



1998

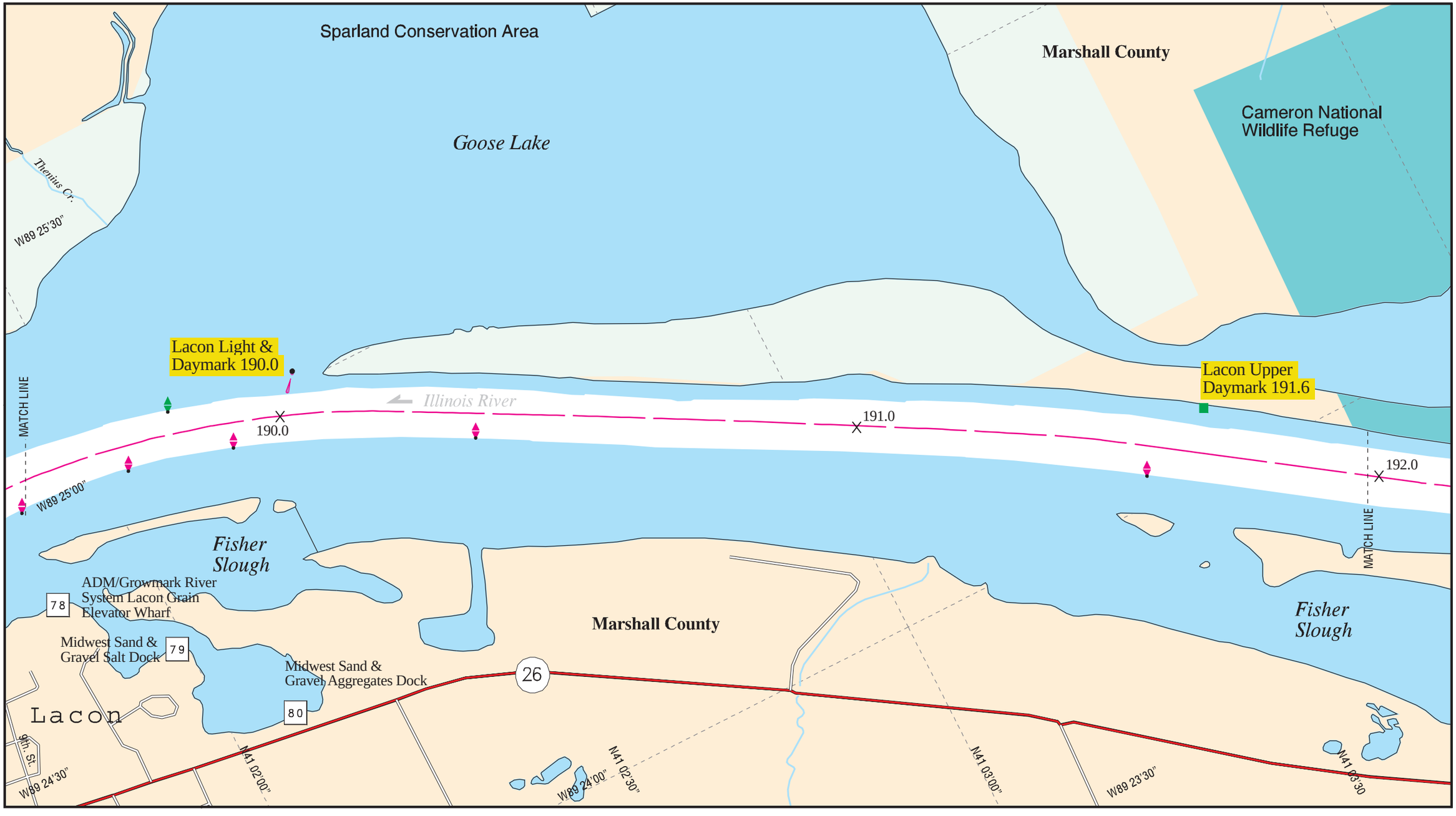
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 74

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 189.5 TO 191.9



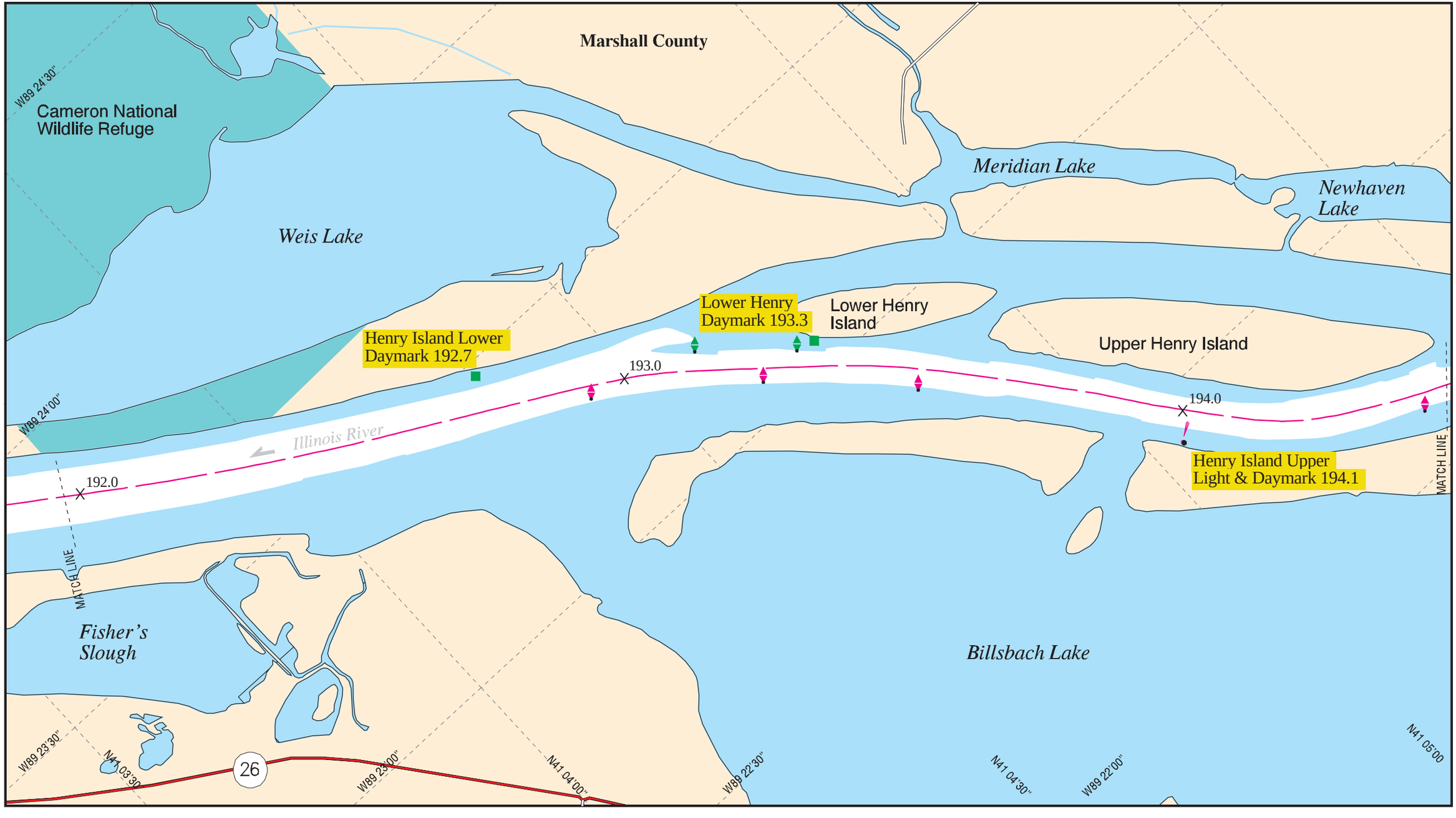
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 75

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 191.9 TO 194.5



1998

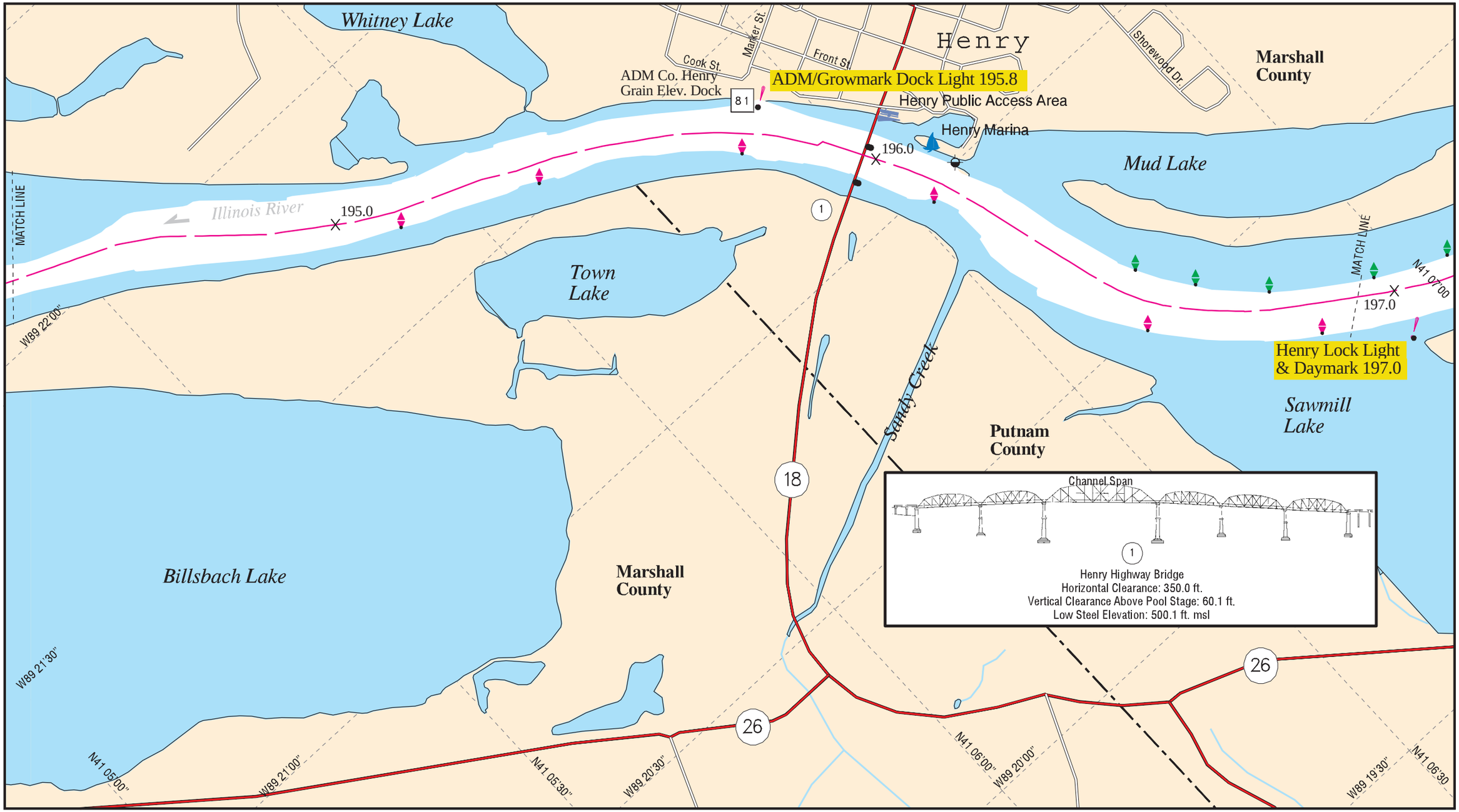
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 76

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 194.5 TO 196.9



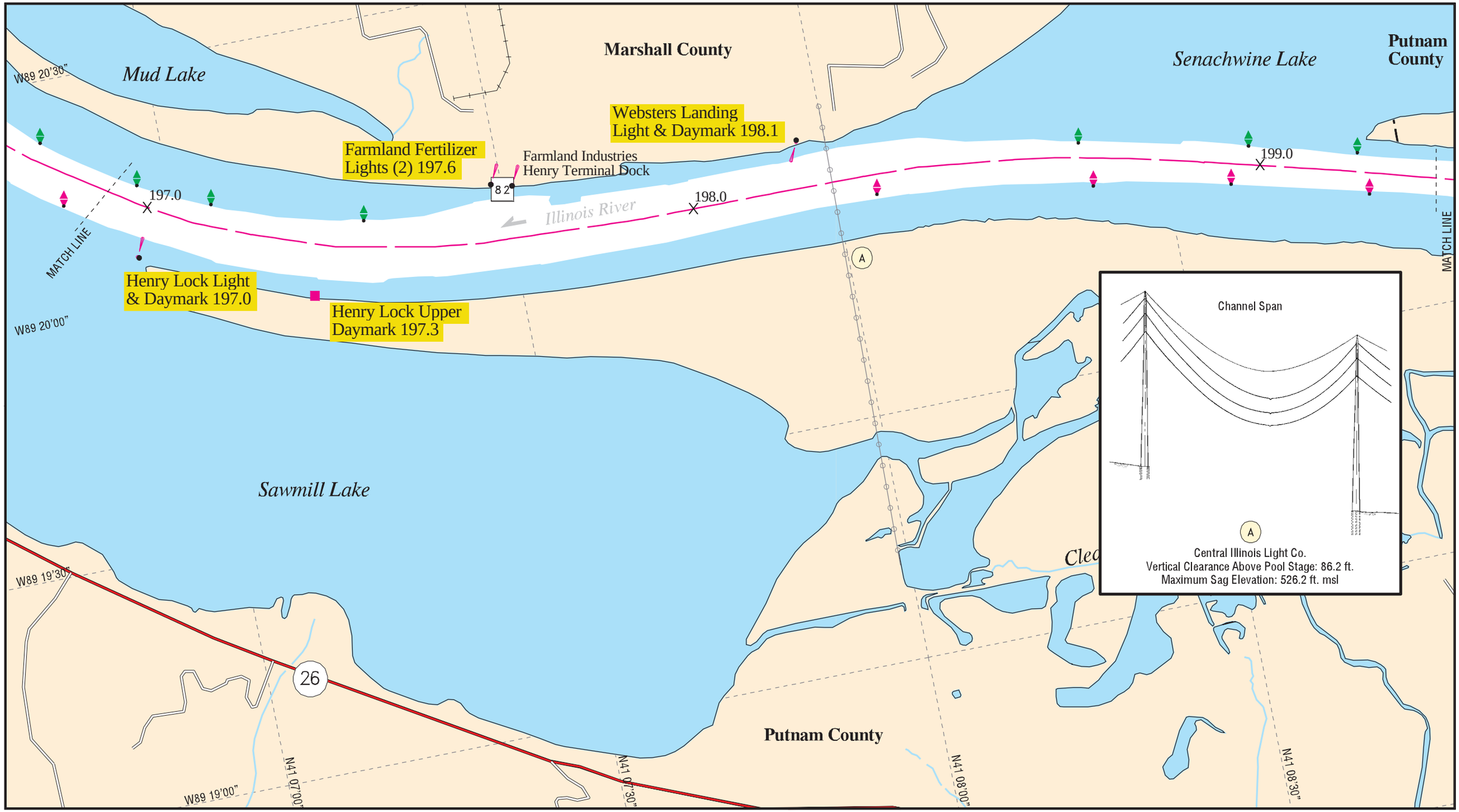
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 77



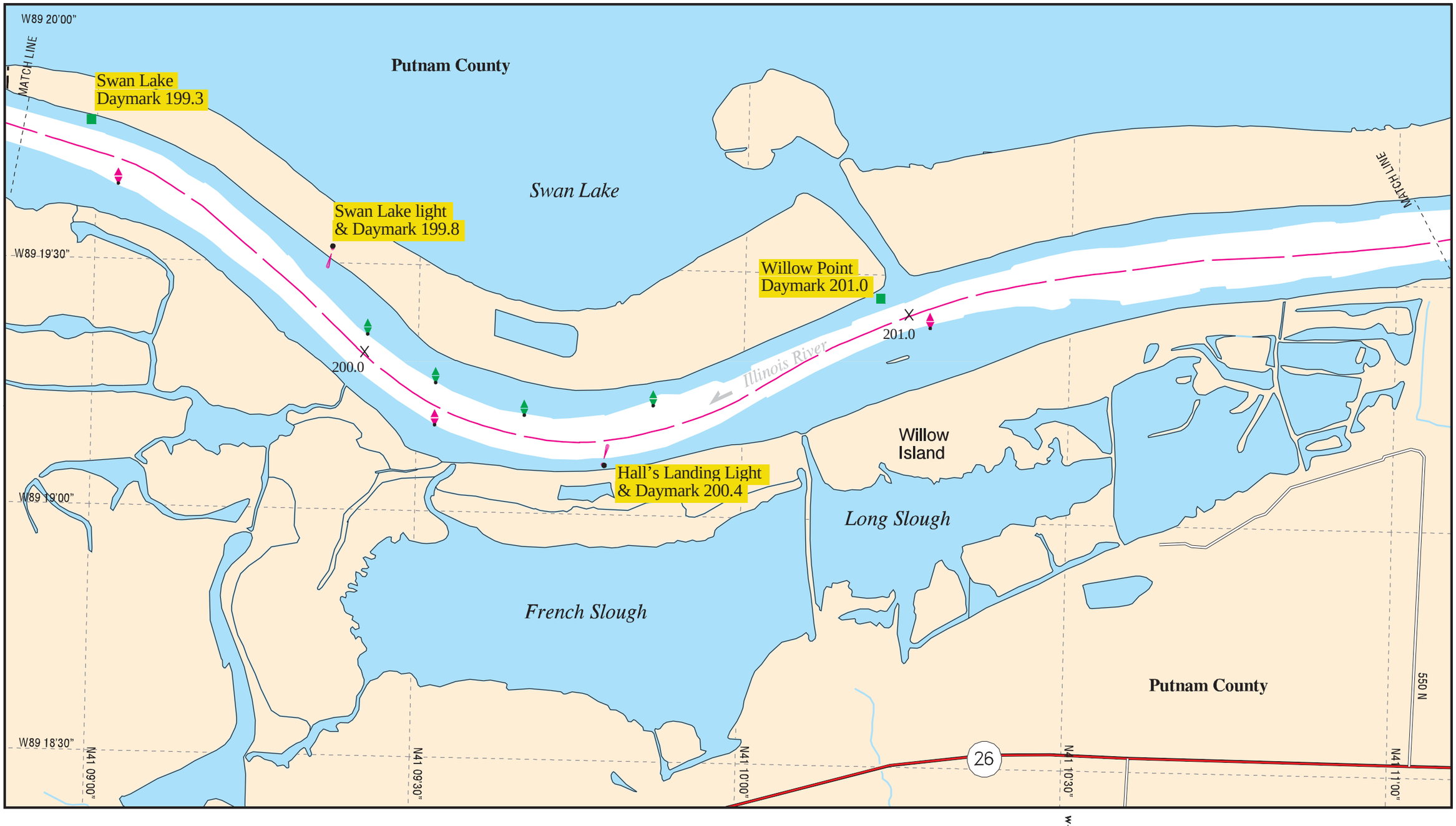
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 78

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 199.3 TO 201.9



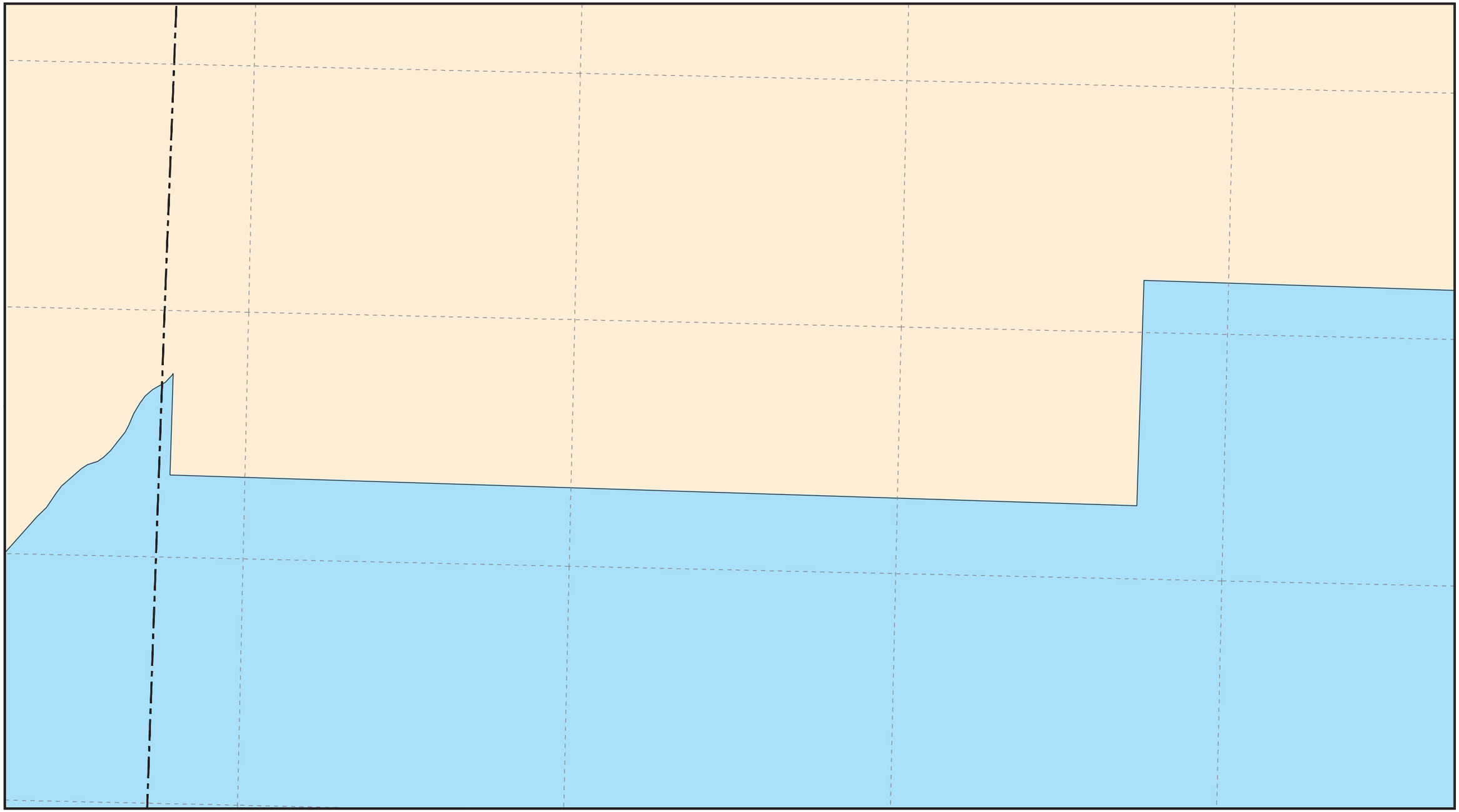
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 79

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE ' ' TO ' '



1998

1) The legend is located immediately preceding chart No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

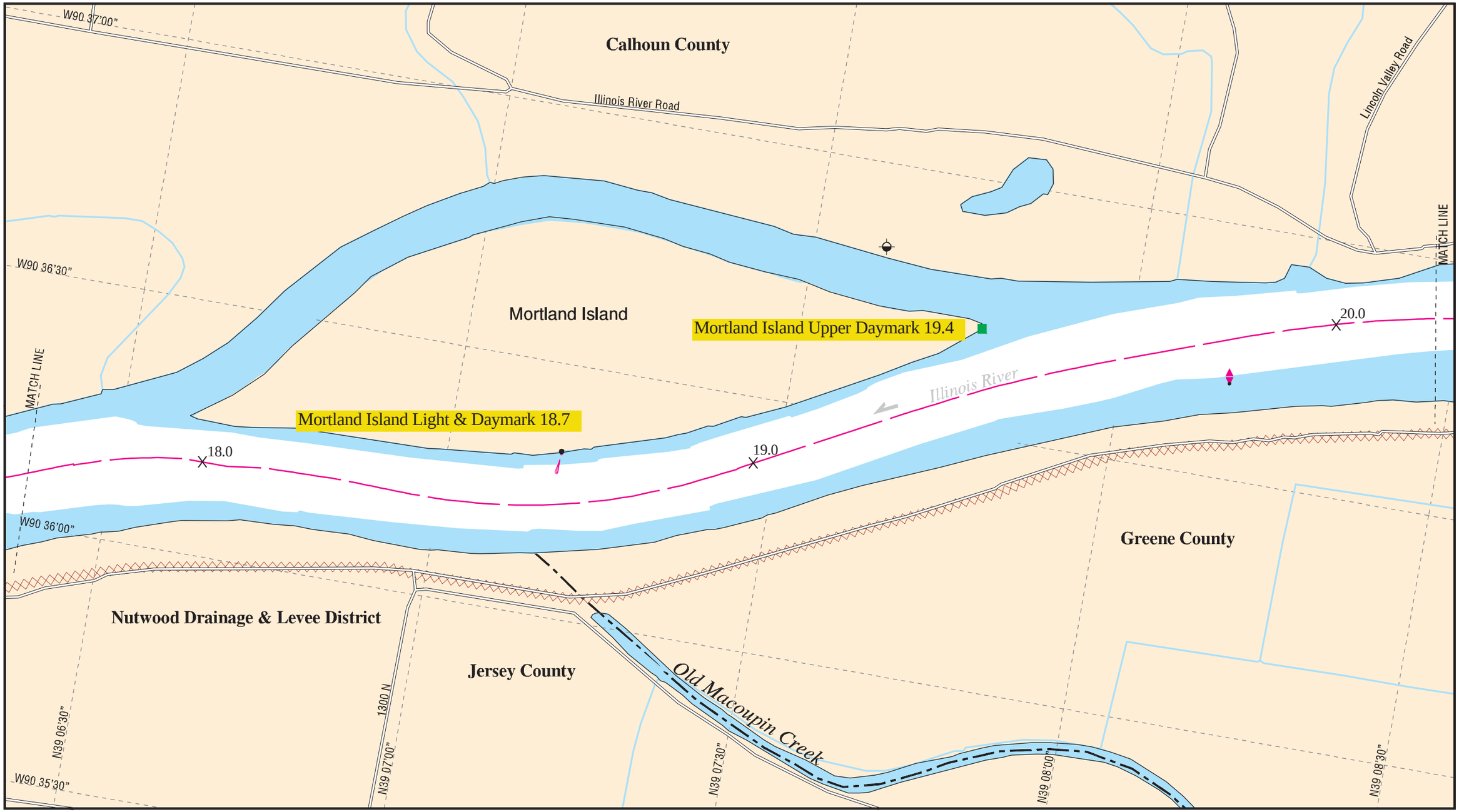
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W S N E

MAP NO. 79a

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 17.5 TO 20.3



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

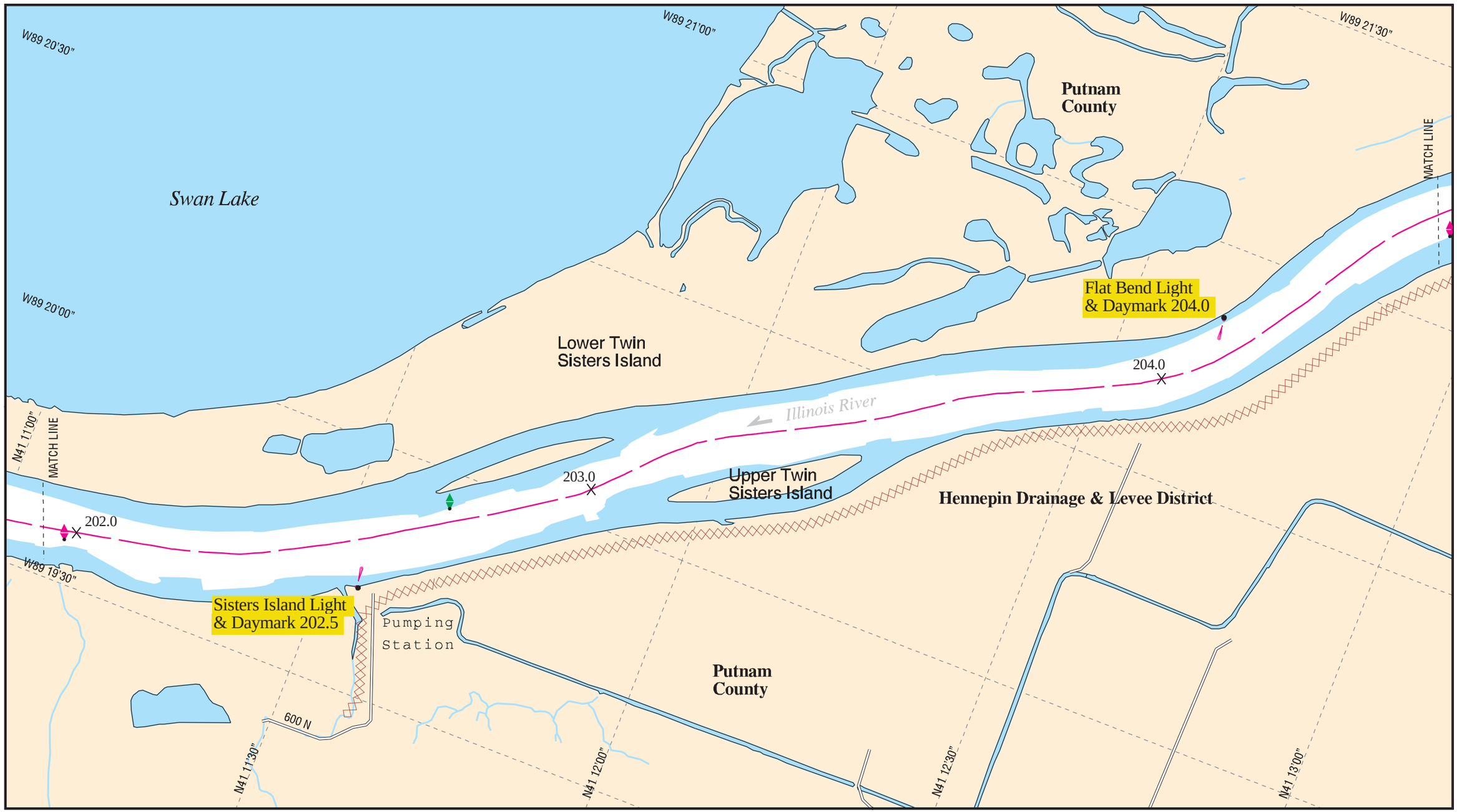
Scale 1:12000

Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 8

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 201.9 TO 204.5



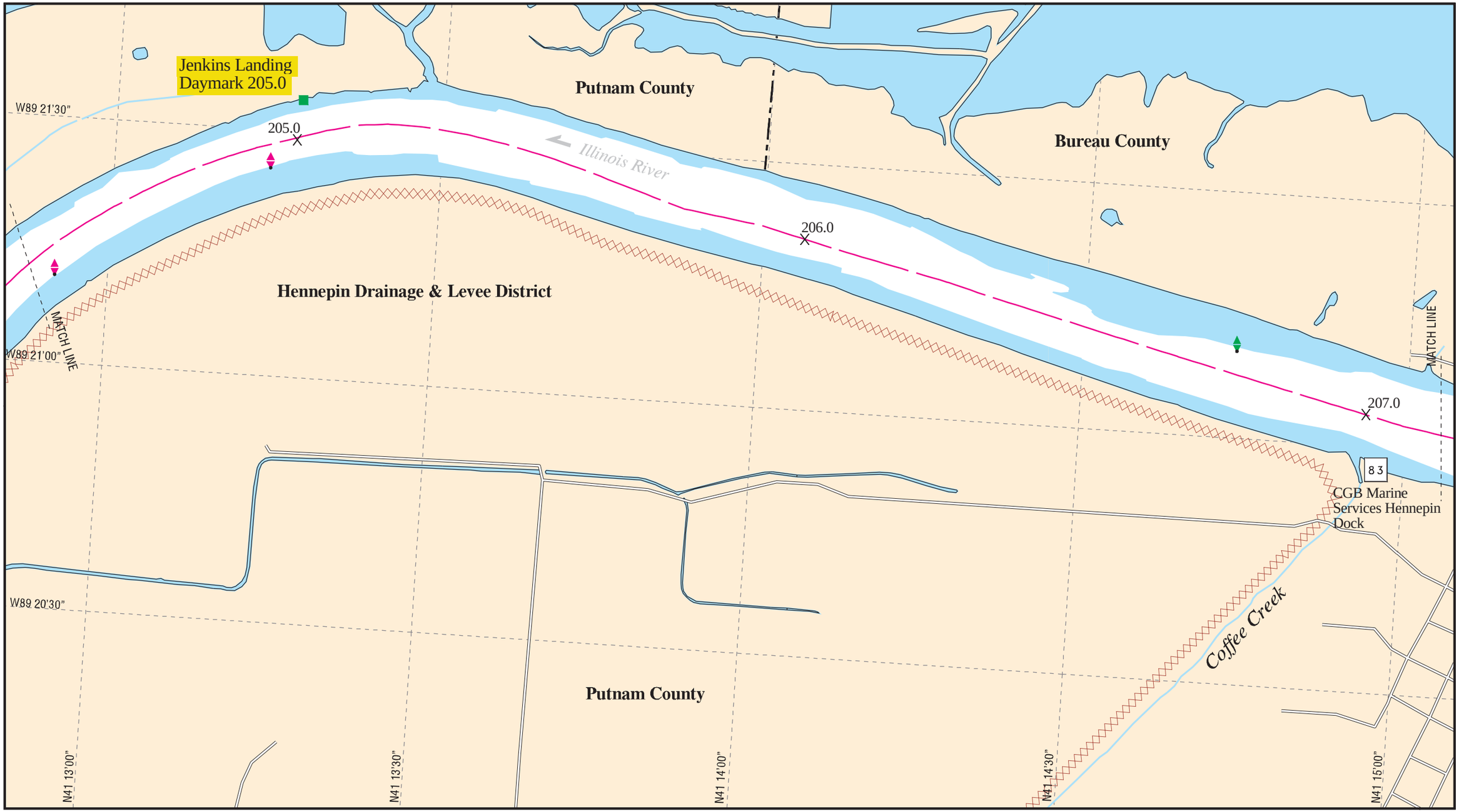
1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

MAP NO. 80

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 204.5 TO 207.1



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 81

Channel Span

2

Hennepin Highway Bridge
Horizontal Clearance: 350.0 ft.
Vertical Clearance Above Pool Stage: 59.9 ft.
Low Steel Elevation: 499.9 ft. msl

Channel Span

1

I-180 Highway Bridge
Horizontal Clearance: 350.0 ft.
Vertical Clearance Above Pool Stage: 60.8 ft.
Low Steel Elevation: 500.8 ft. msl

No Profile Available

A

Transmission Line
Vertical Clearance Above Pool Stage: 86.0 ft.
Maximum Sag Elevation: 526.0 ft. msl

Channel Span

B

Transmission Line
Vertical Clearance Above Pool Stage: 90.0 ft
Maximum Sag Elevation: 530.0 ft. msl

W89 21'30"
26
A
1
2
Consolidated Grain & Barge Co Hennepin Terminal Dock
Consolidated Grain Dock Light (2) 207.5
8 4
Bureau Creek
Hickory Ridge Lake
208.0
W89 21'00"
MATCH LINE
Continental Grain Co Hennepin Grain Elevator Dock
85
86
Hennepin Island
ADM/Growmark River System Hennepin Grain Elevator Dock
Hennepin Landing Boat Launch
Illinois River
3rd St
Market St
High St
Mulberry St
5th St
W89 20'30"
Hennepin
County Hwy 1
180
Putnam County
N41 15'00"
N41 15'30"
N41 16'00"
W89 20'00"
N41 16'30"
N41 17'00"
Tri-River Docks Inc Hennepin Dock
88
209.0
LTV Steel Corp Lights (3) 208.8
B
Bureau Creek Light & Daymark 209.4
MATCH LINE

1998

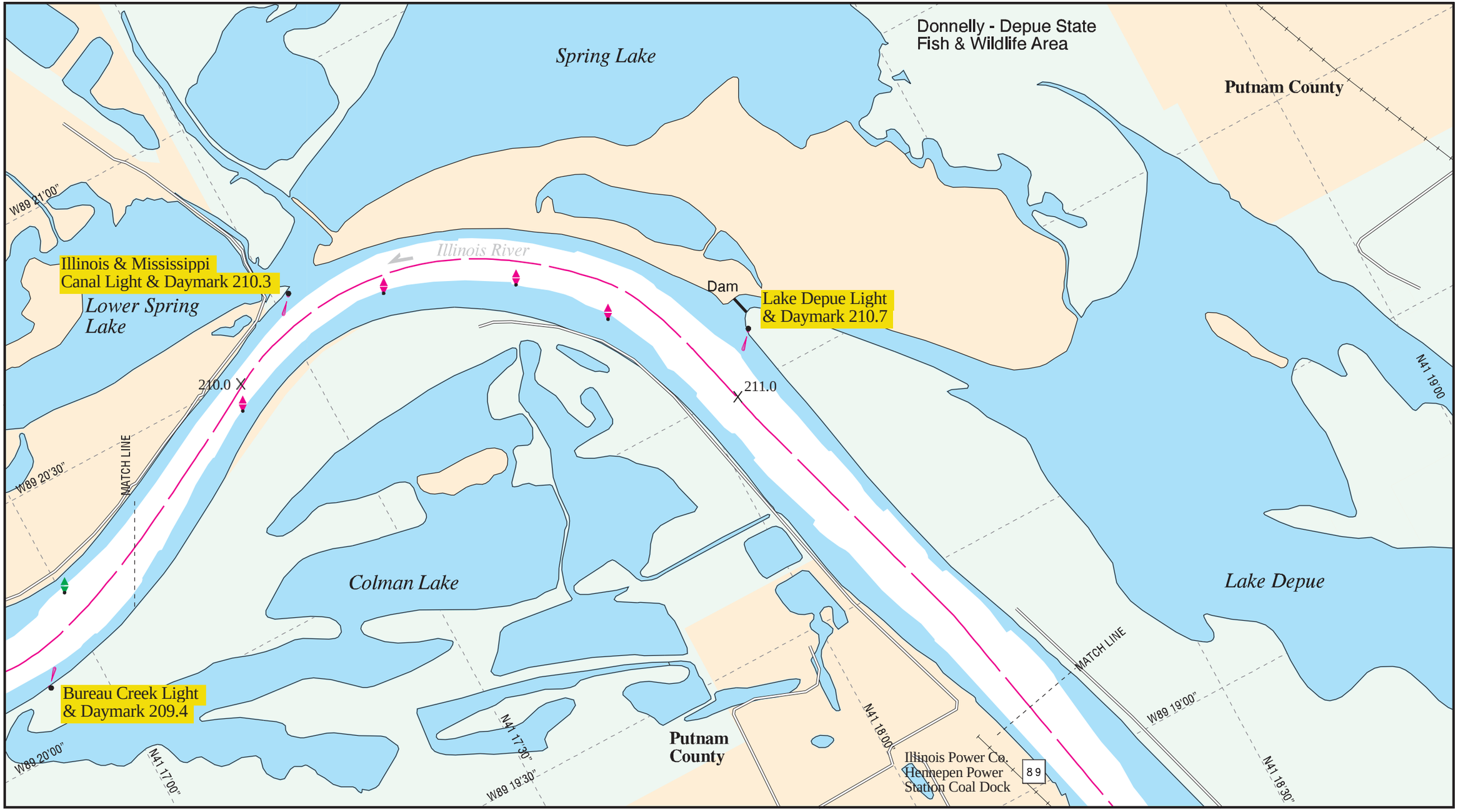
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

W N S E

MAP NO. 82

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 209.6 TO 211.7



1998

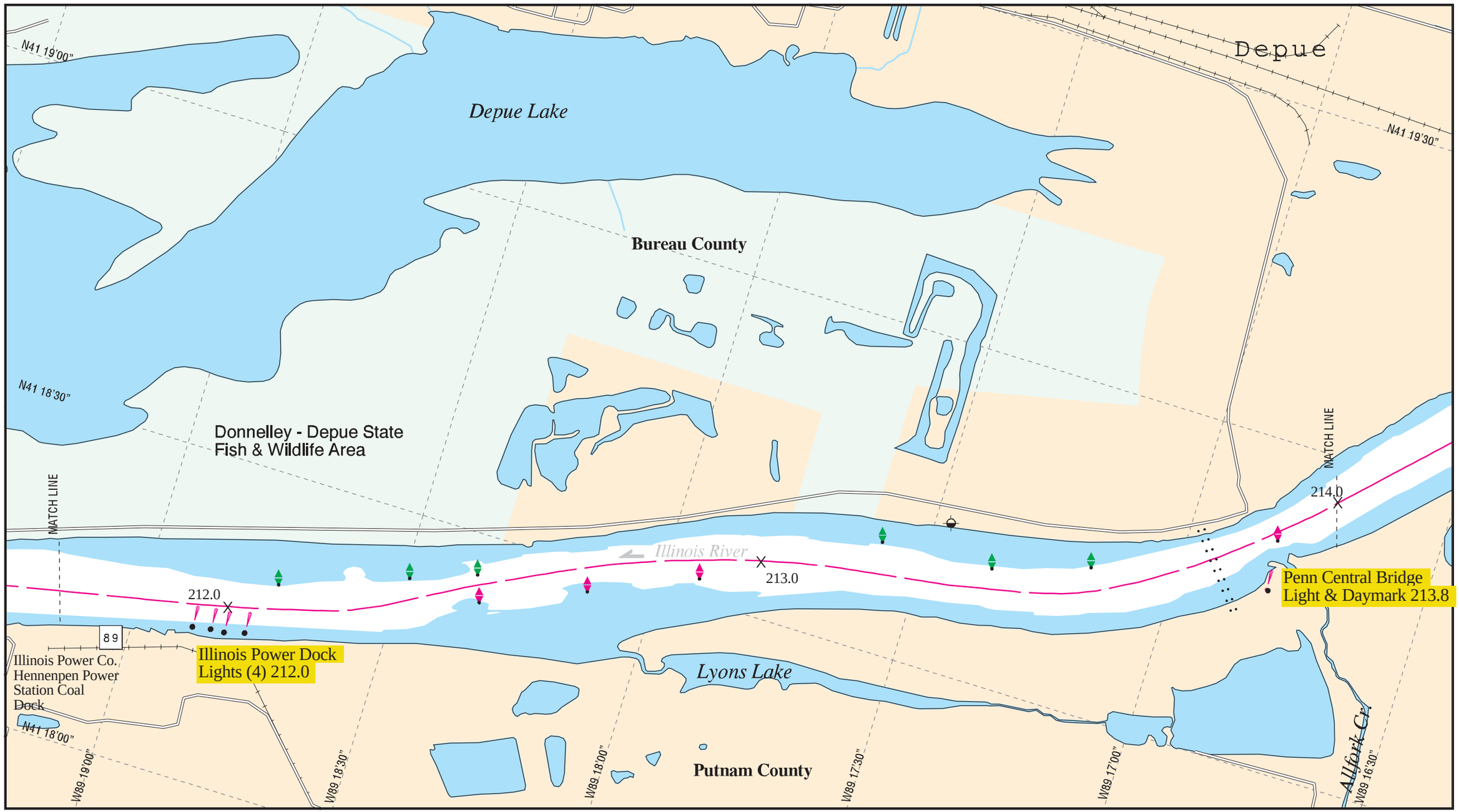
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

MAP NO. 83

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 211.7 TO 214.7



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

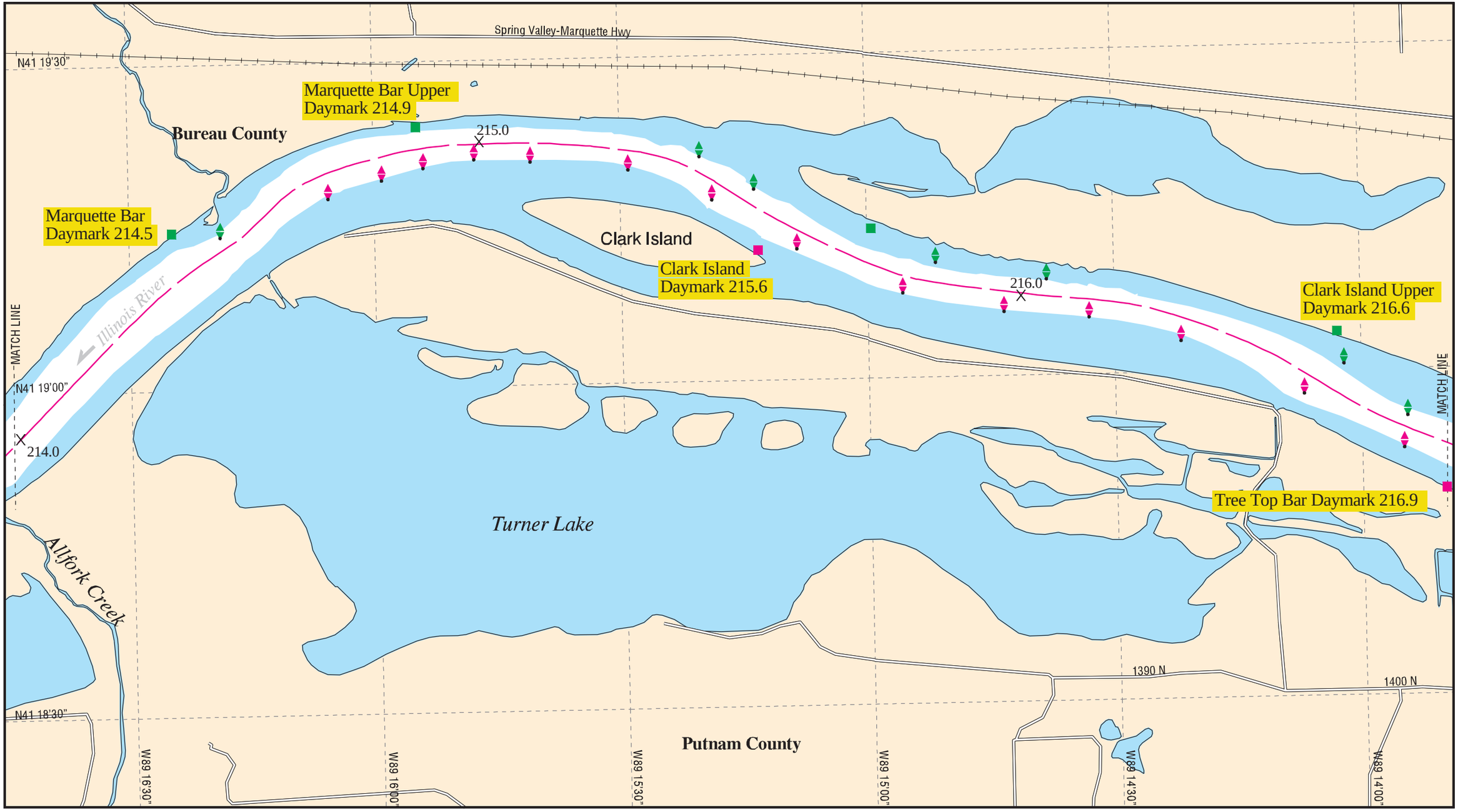
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 84

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 214.0 TO 216.7



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 85

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 216.7 TO 219.4

No Profile Available

A

Illinois Power Co.
Vertical Clearance Above Pool Stage: 92.0 ft.
Maximum Sag Elevation: 532.0 ft. msl

No Profile Available

B

Illinois Power Co.
Vertical Clearance Above Pool Stage: 92.0 ft.
Maximum Sag Elevation: 532.0 ft. msl

Channel Span

1

Spring Valley Highway Bridge
Horizontal Clearance: 350.0 ft.
Vertical Clearance Above Pool Stage: 62.9 ft.
Low Steel Elevation: 502.9 ft. msl

N41 19'30"

N41 19'00"

N41 18'30"

Spring Valley

S Greenwood St

W Iowa St

W Caroline St

Bureau County

Putnam County

89

Spring Creek

Continental Grain Light 218.4

Spring Valley Access Area

ADM Lights (2) 218.4

ADM/Growmark River System Spring Valley Grain Elevator Dock

Continental Grain Co Spring Valley Grain Elevator Dock

95

96

94

1

Illinois River

217.0

218.0

219.0

Daymark 217.2

Cargill Lights (3) 218.3

Cargill Spring Valley Grain Elevator Dock

Spring Valley Boat Club

Spring Valley Daymark 218.9

MATCH LINE

MATCH LINE

A

W89 13'30"

W89 13'00"

W89 12'30"

W89 12'00"

W89 11'30"

W89 11'00"

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

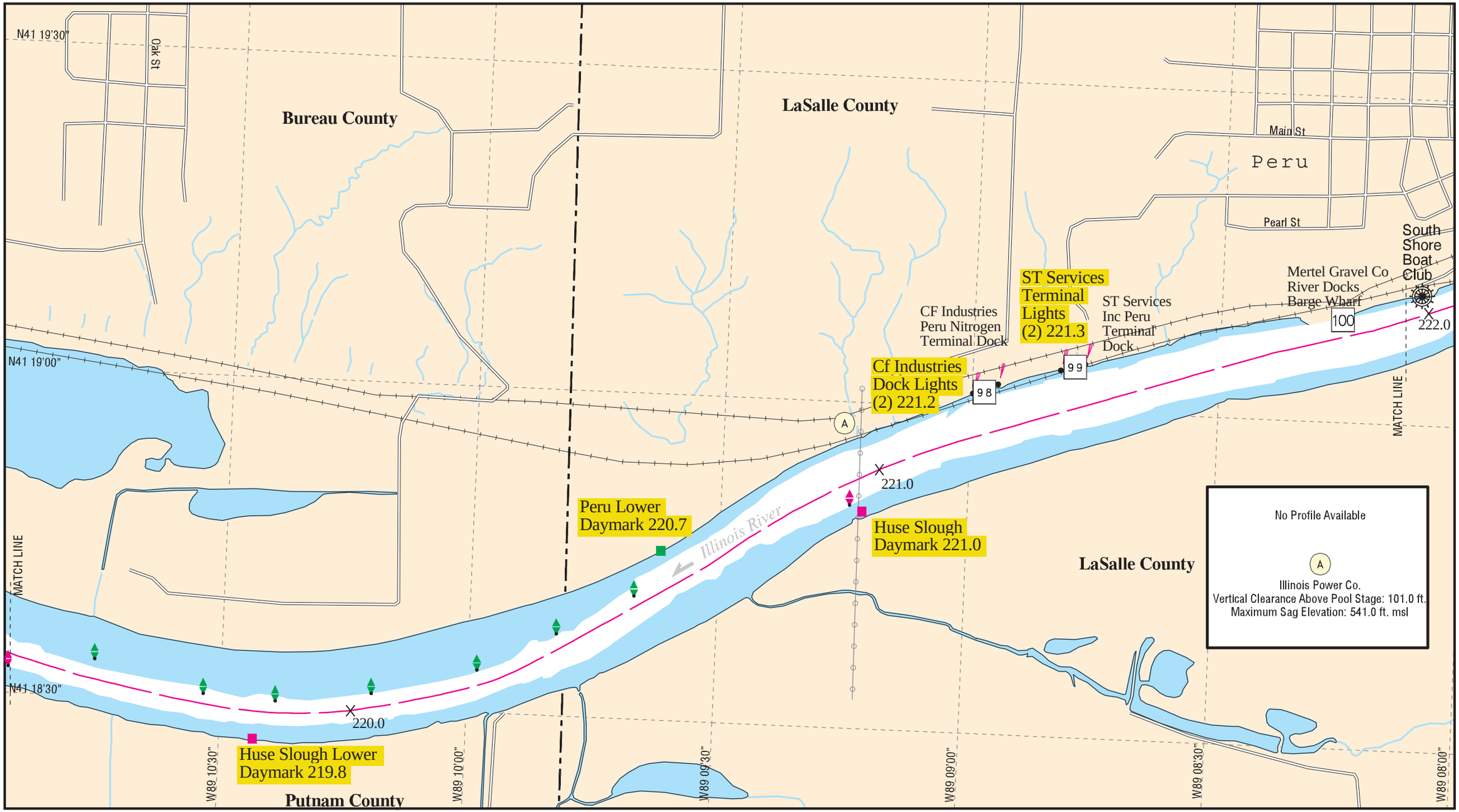
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 86

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 219.4 TO 222.0



1998

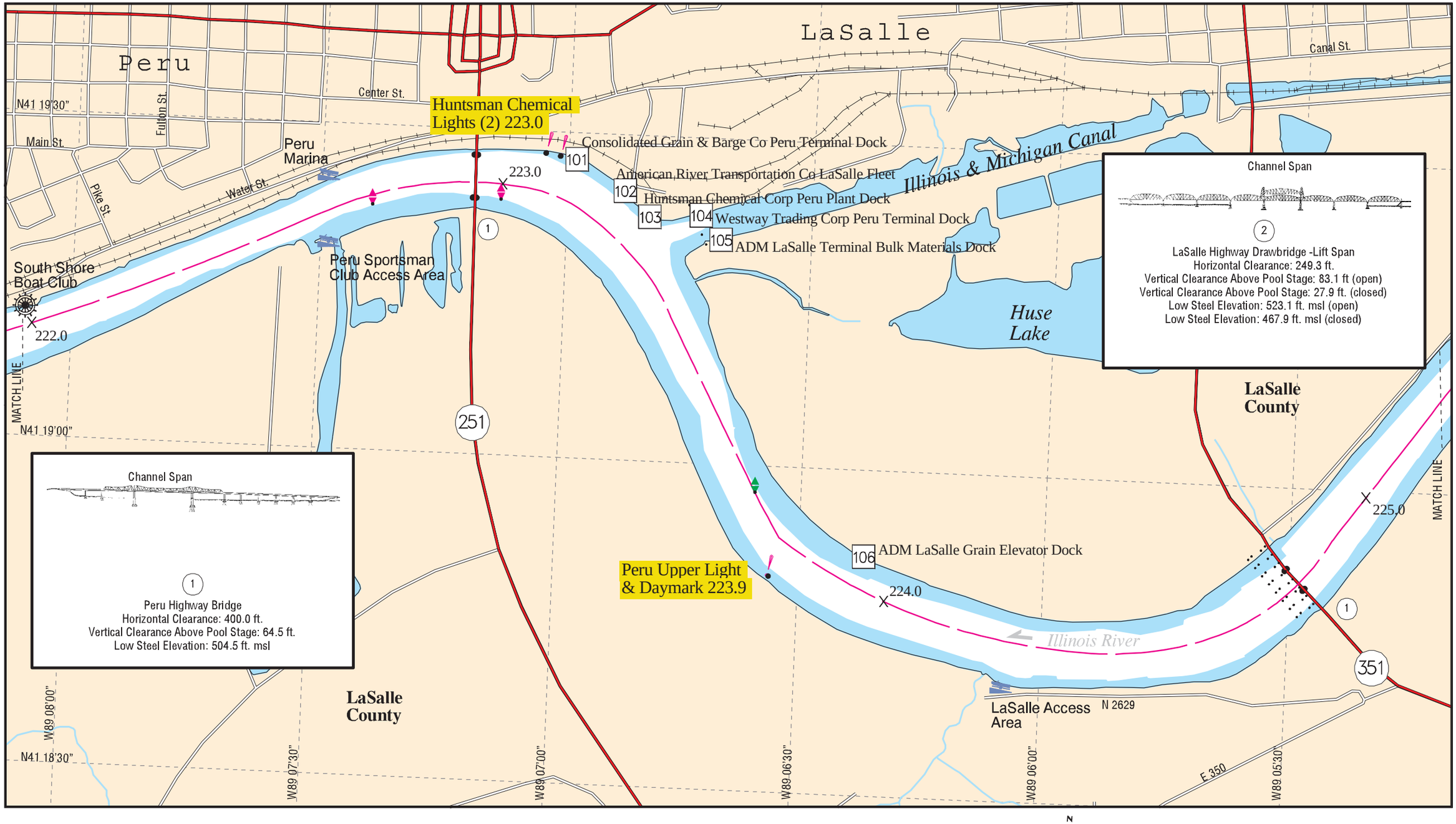
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

N W E S

MAP NO. 87

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 222.0 TO 225.1



1998

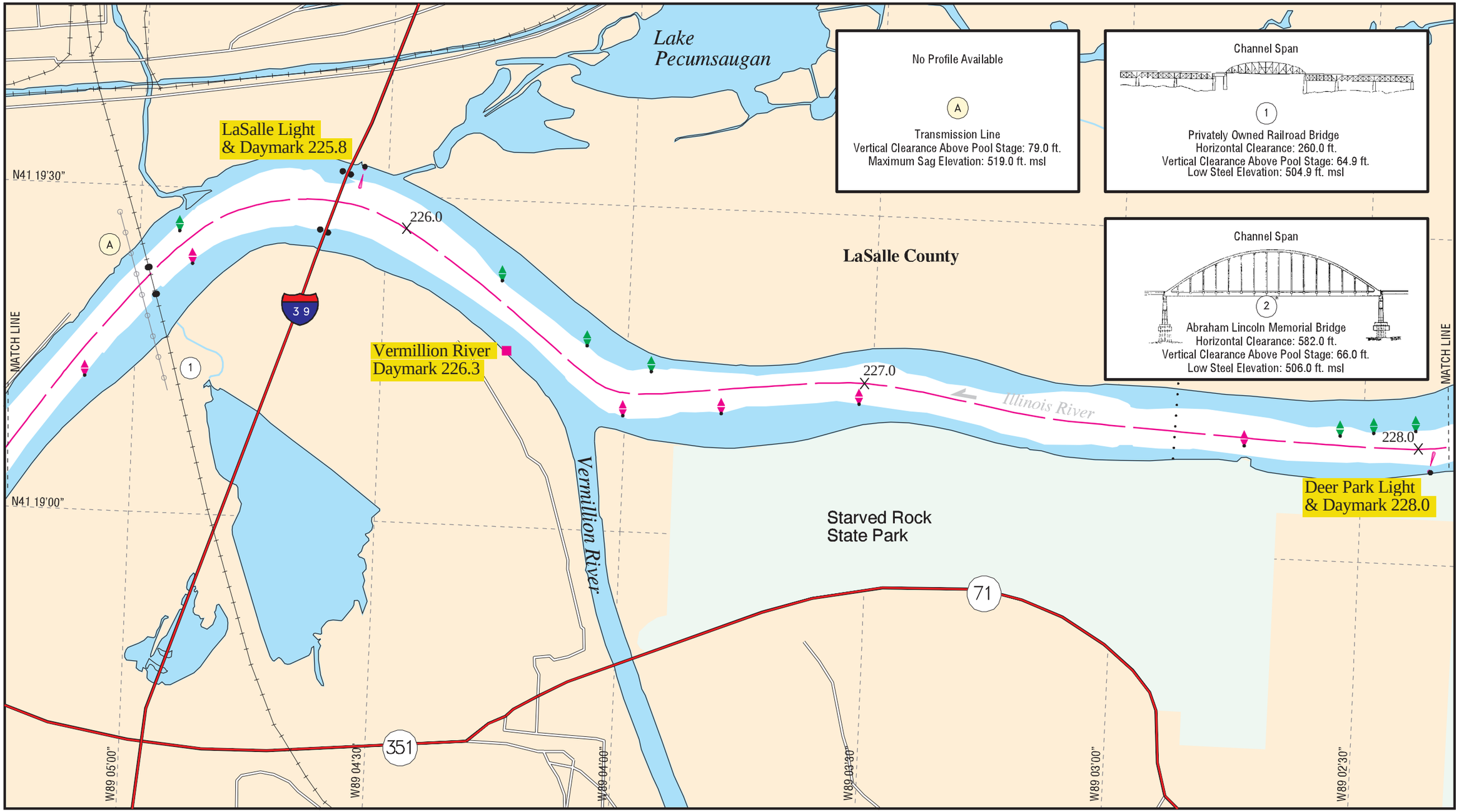
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

N W E S

MAP NO. 88

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 225.1 TO 228.0



No Profile Available

A

Transmission Line
Vertical Clearance Above Pool Stage: 79.0 ft.
Maximum Sag Elevation: 519.0 ft. msl

Channel Span

1

Privately Owned Railroad Bridge
Horizontal Clearance: 260.0 ft.
Vertical Clearance Above Pool Stage: 64.9 ft.
Low Steel Elevation: 504.9 ft. msl

Channel Span

2

Abraham Lincoln Memorial Bridge
Horizontal Clearance: 582.0 ft.
Vertical Clearance Above Pool Stage: 66.0 ft.
Low Steel Elevation: 506.0 ft. msl

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

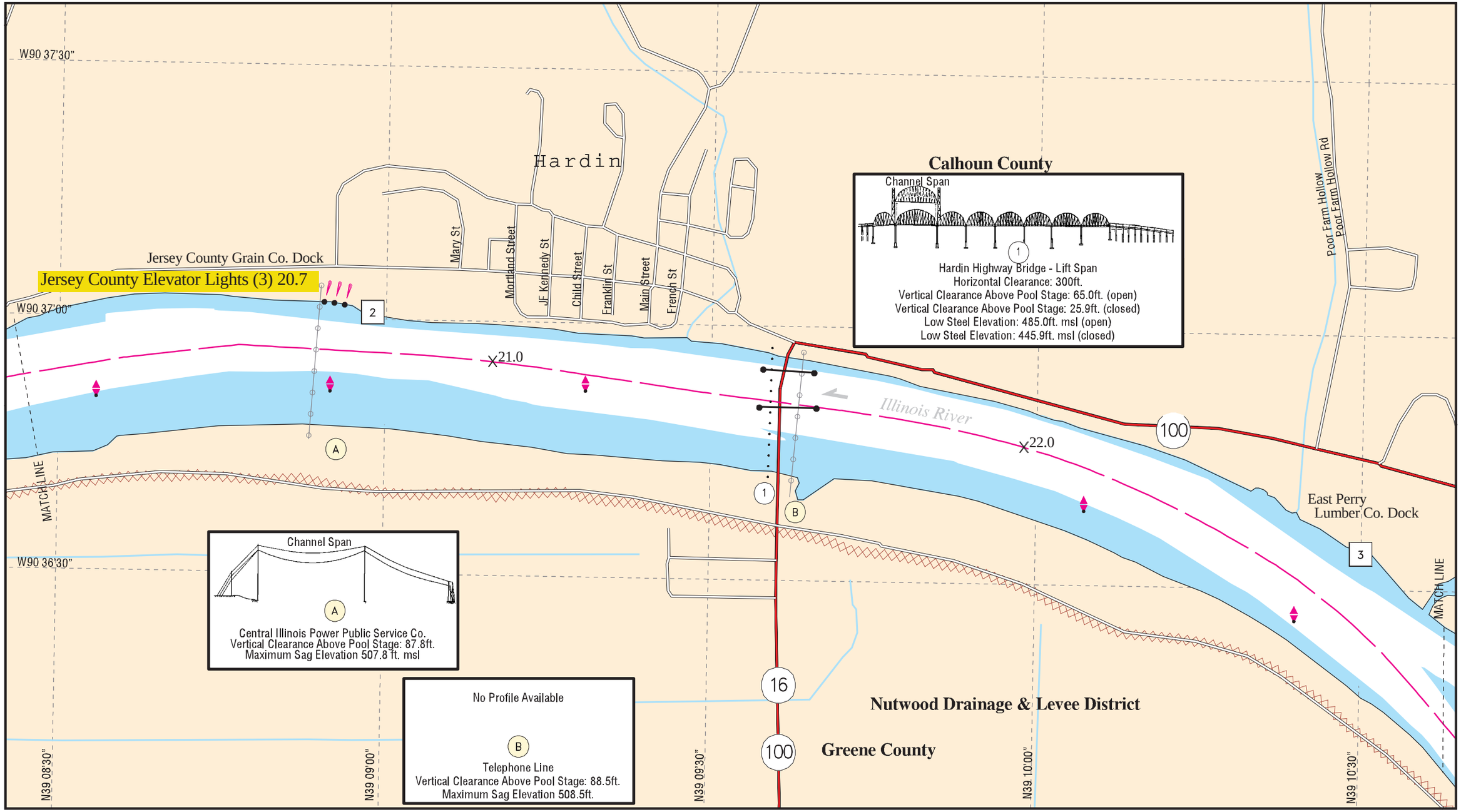
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 89

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 20.3 TO 22.9



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

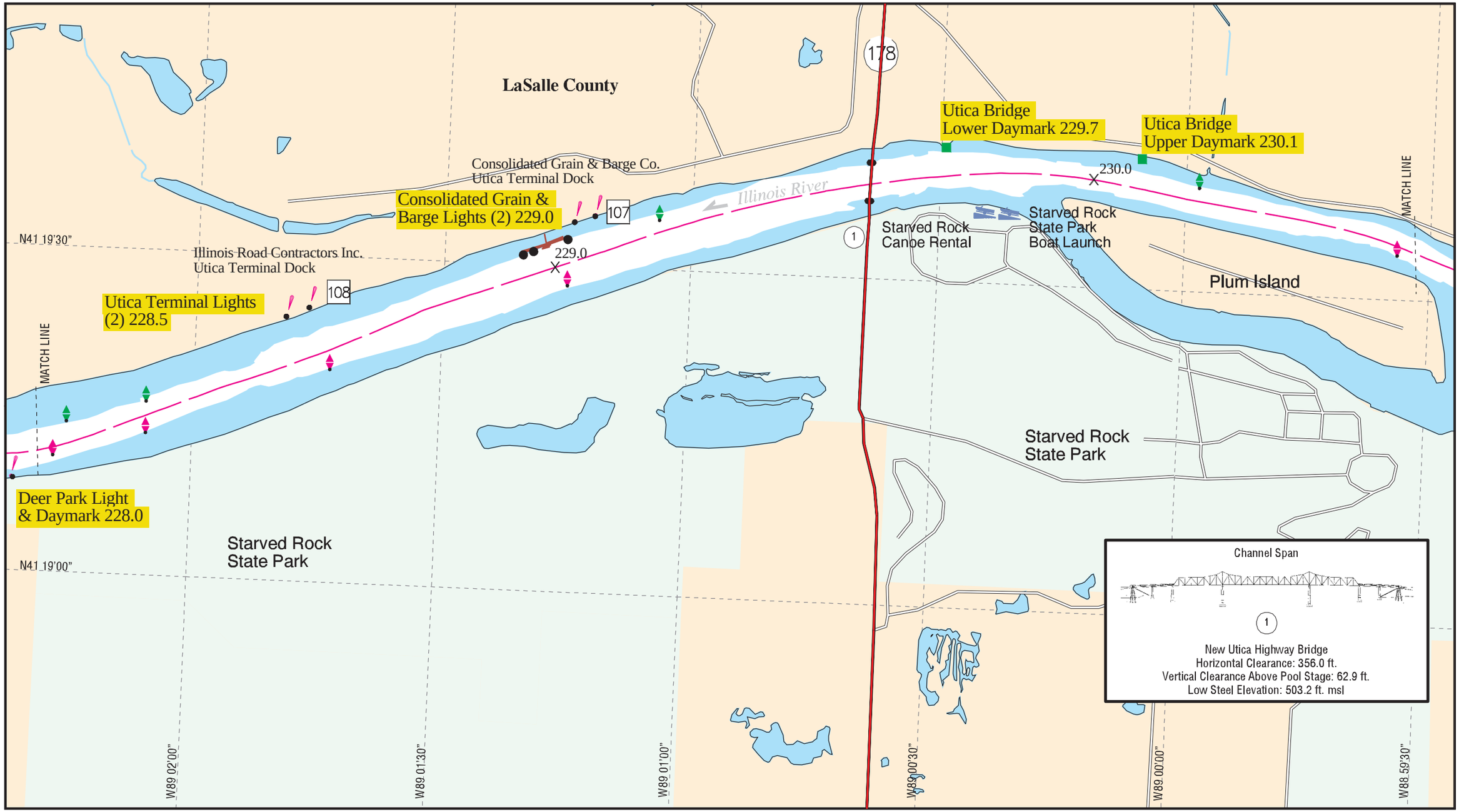
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

W S N E

MAP NO. 9

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 228.0 TO 230.6



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

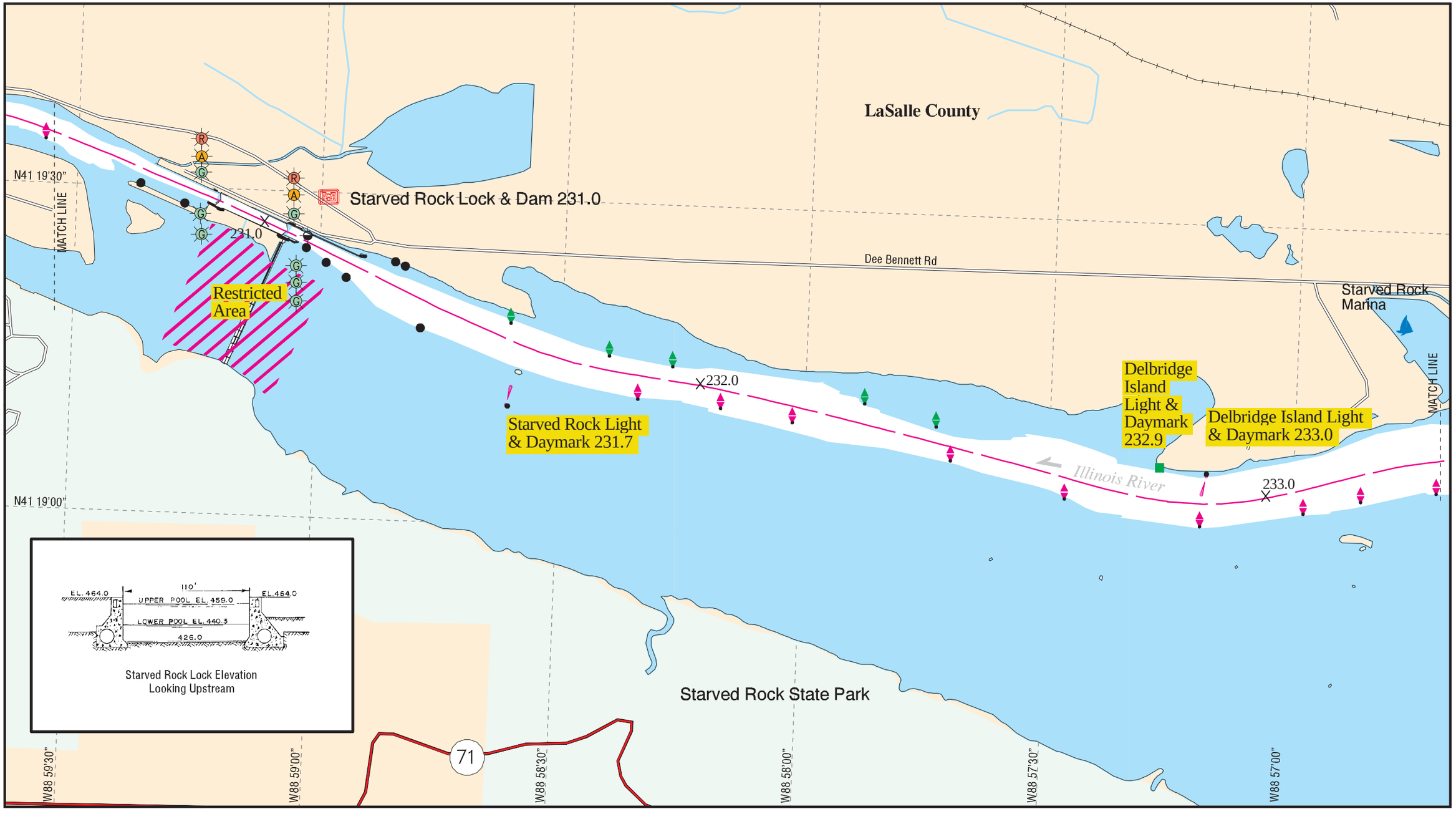
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 90

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 230.6 TO 233.2



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

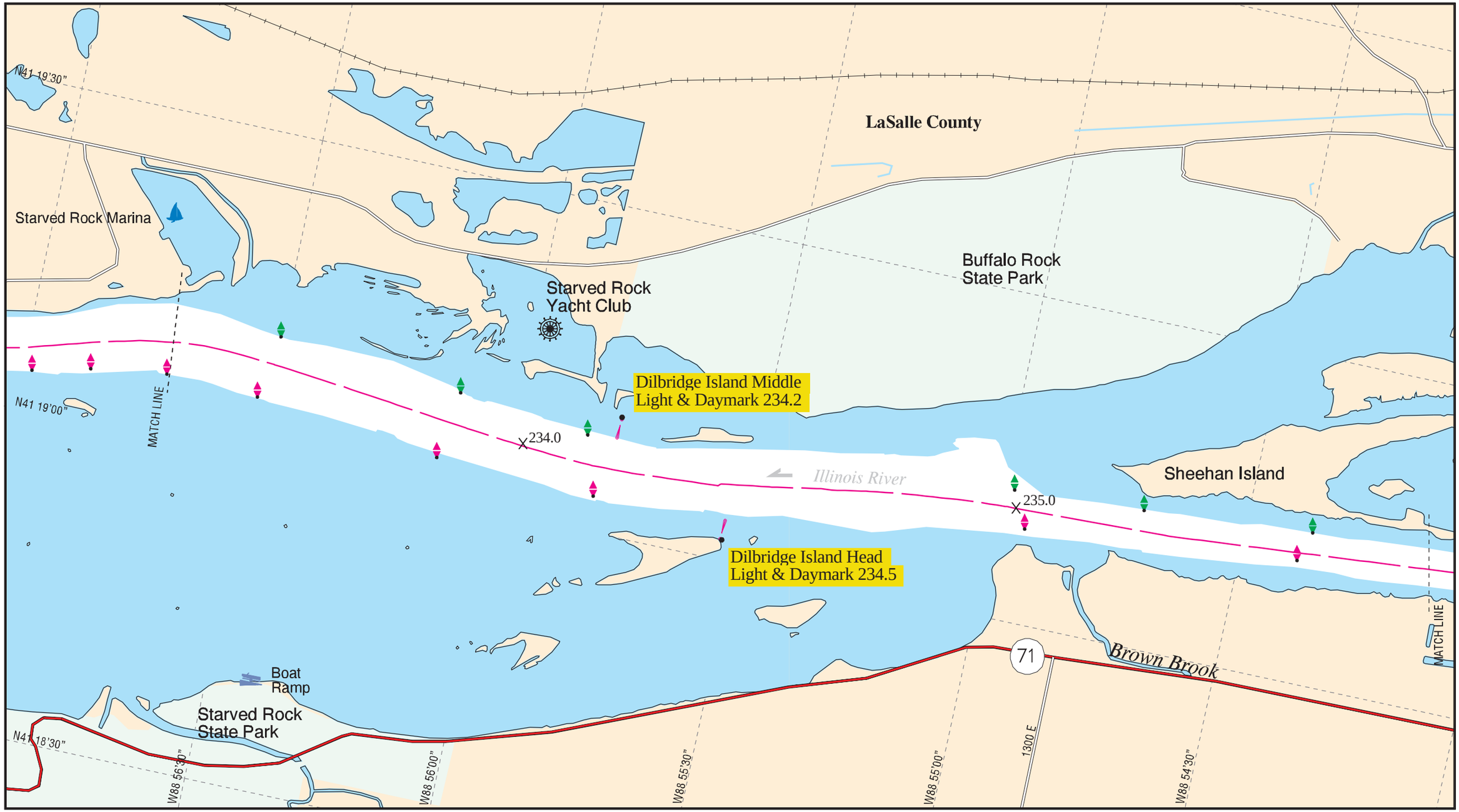
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 91

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 233.2 TO 235.9



1998

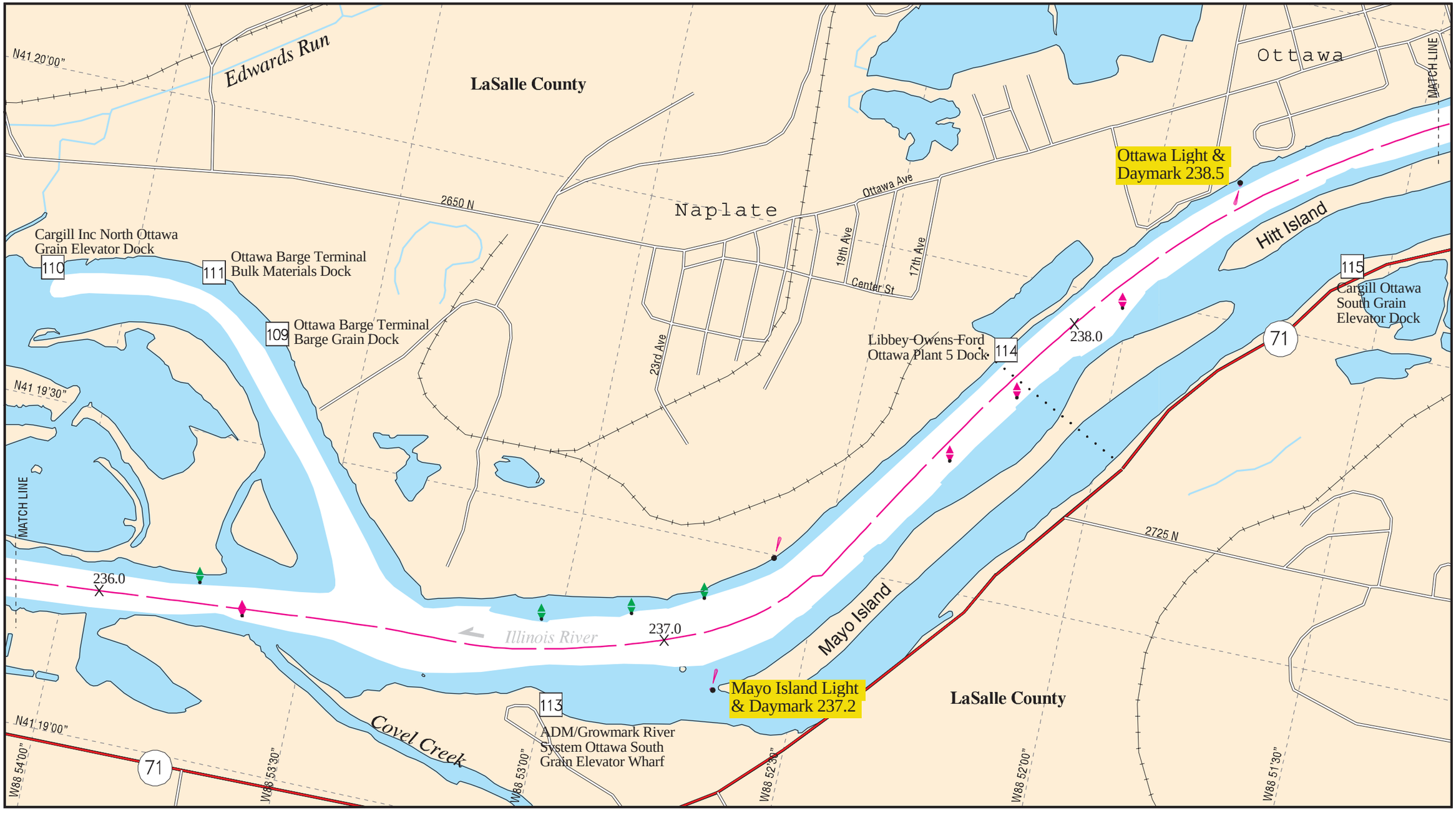
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

N W E S

MAP NO. 92

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 235.9 TO 238.9



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

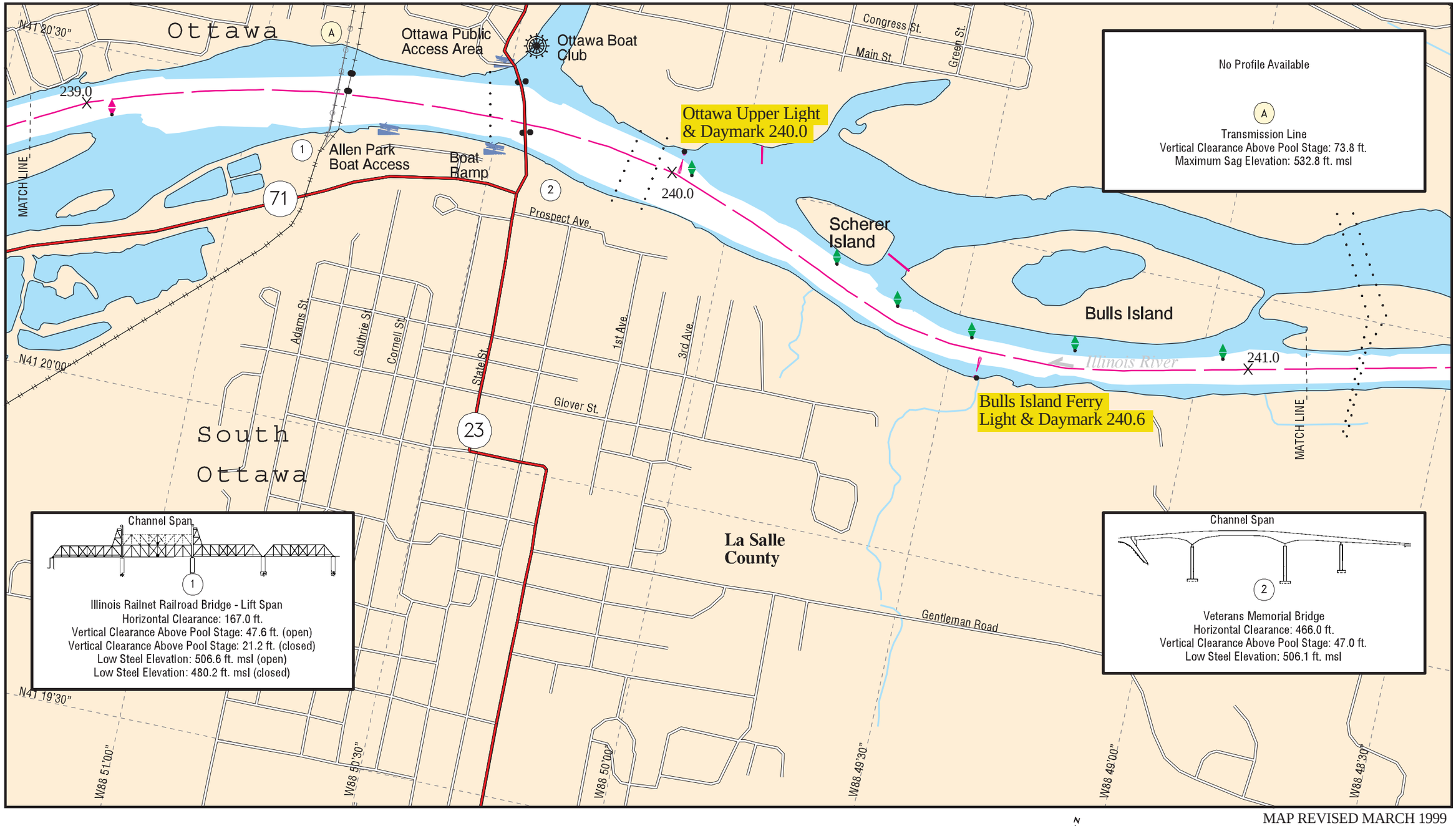
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 93

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 238.9 TO 241.2



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

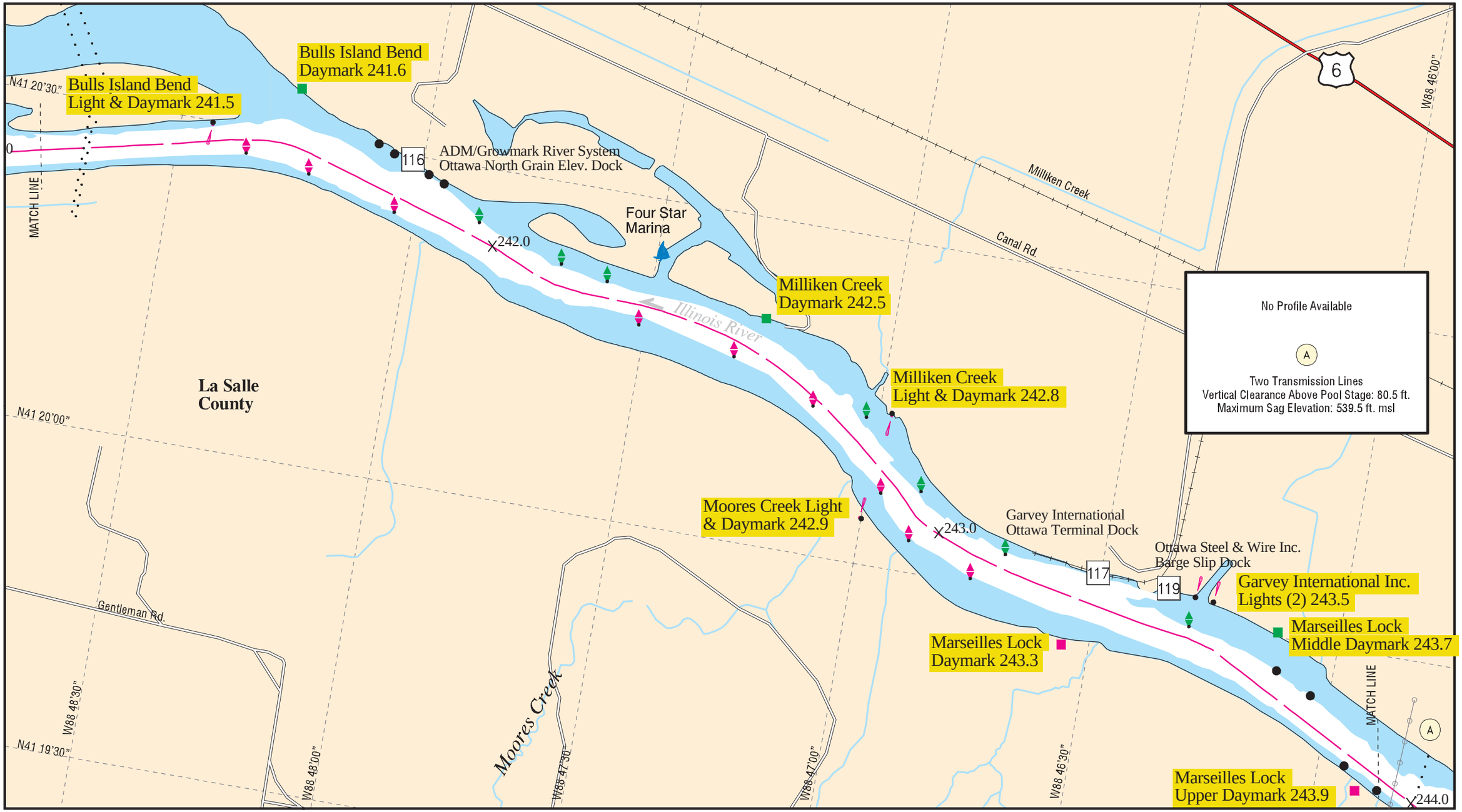
Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

N W E S

MAP REVISED MARCH 1999
REF. NAV NOTICE IW99-04

MAP NO. 94

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 241.2 TO 244.0



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

N W E S

MAP NO. 95

Marseilles Lock Middle Daymark 243.7

N41 20'00"

GE Chemicals Light 244.1

G.E. Plastics Ottawa Plant Wharf

118

Marseilles Lock Upper Daymark 243.9

MATCH LINE

244.0

(Rapids)

Illinois River

Walbridge Creek

6

Magnolia St

Catalpa St

Canal Rd

Illinois River

Bell's Island

Marseilles Lock

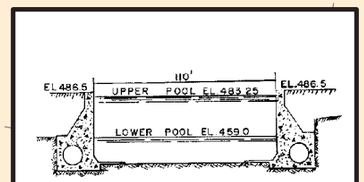
245.0

Illini State Park

Canal Light & Daymark 245.6

Long Creek

N41 19'30"



Marseilles Lock Elevations
Looking Upstream

No Profile Available

A

Two transmission Lines
Vertical Clearance Above Pool Stage: 80.5 ft.
Maximum Sag Elevation: 539.5 ft. msl

LaSalle County

246.0

(Rapids)

Gentleman Rd

N41 19'00"

W88 45'30"

W88 45'00"

W88 44'30"

W88 44'00"

W88 43'30"

MATCH LINE

1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

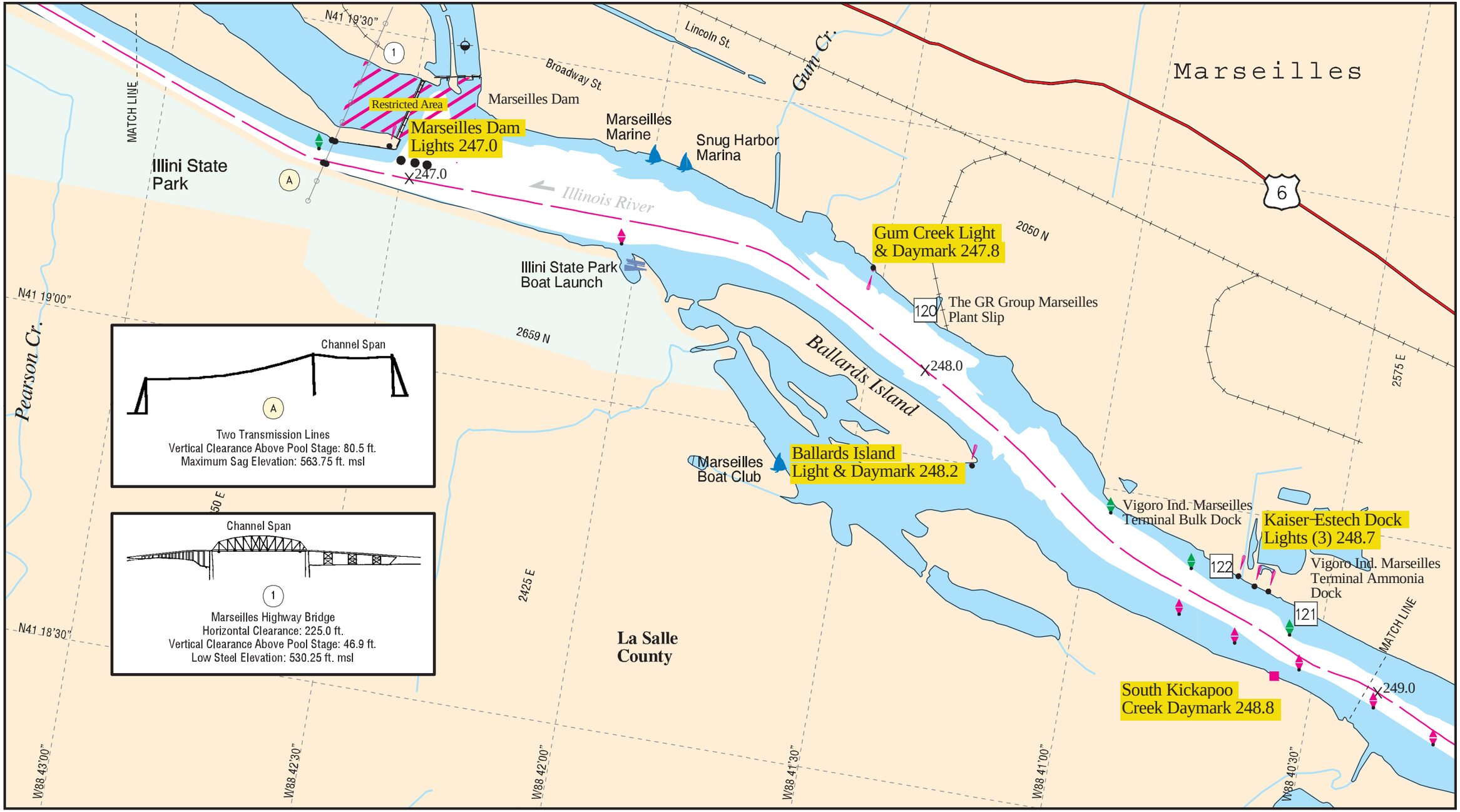
Scale 1:12000 Scale 1" = 1000 Feet

0 1150 2300 ft

N W E S

MAP NO. 96

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 246.4 TO 249.0



1998

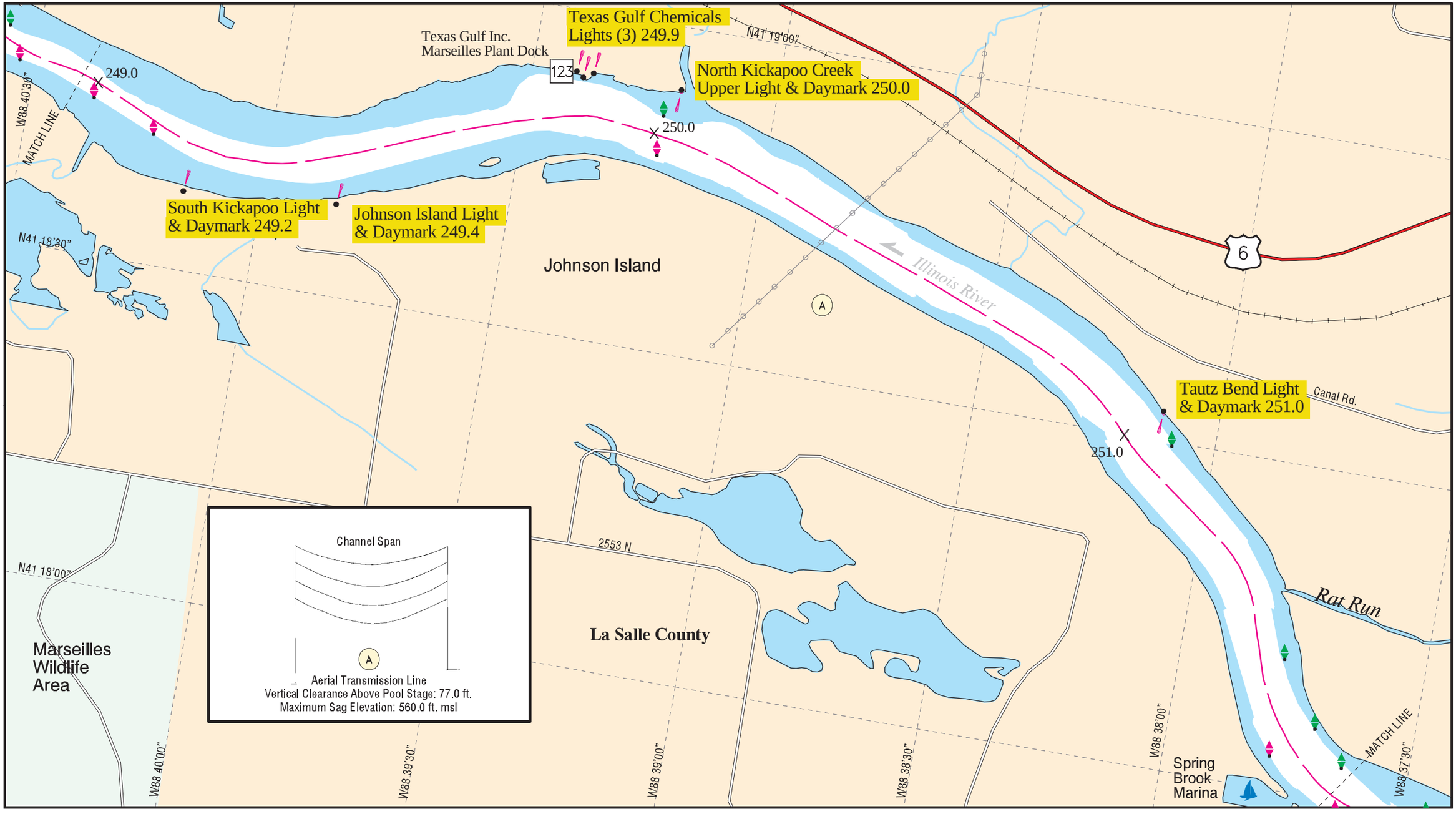
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

N W E S

MAP NO. 97

US ARMY CORPS OF ENGINEERS ILLINOIS WATERWAY MILE 249.0 TO 251.7



1998

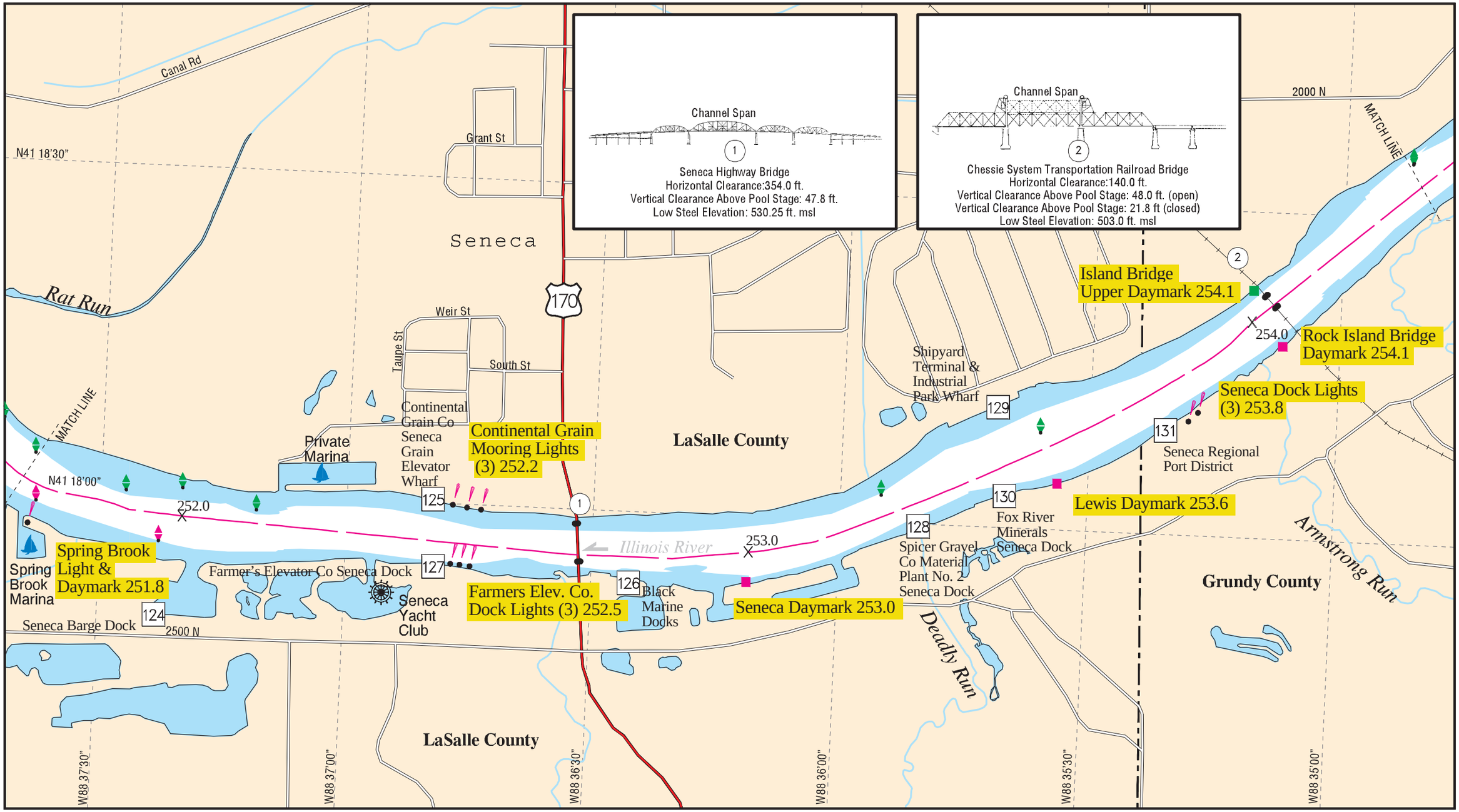
1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 Scale 1" = 1000 Feet
0 1150 2300 ft

N W E S

MAP NO. 98

US ARMY CORPS OF ENGINEERS — ILLINOIS WATERWAY — MILE 251.7 TO 254.4



1998

1) The legend is located immediately preceding map No. 1
2) Barge Facility information and submerged cable and pipeline clearances are located in appendices A and B respectively.

Scale 1:12000 — Scale 1" = 1000 Feet

0 — 1150 — 2300 ft

N W E S

MAP NO. 99

APPENDIX A

ILLINOIS WATERWAY BARGE FACILITIES

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
1	2	Illinois River	Mile 3.6 left bank Illinois River Brussels.	State of Illinois Brussels Ferry Landings.	Landing for passenger and vehicular ferry.
2	9	Illinois River	Mile 20.7 right bank Illinois River Hardin.	Jersey County Grain Co. Dock.	Shipment of grain.
3	9	Illinois River	Mile 22.7 right bank Illinois River Hardin.	East Perry Lumber Co. Dock.	Not used.
4	13	Illinois River	Mile 32.2 left bank Illinois River Kampsville.	State of Illinois Kampsville Ferry Landings.	Landing for passenger and vehicular ferry.
5	17	Illinois River	Mile 42.7 right bank Illinois River Pearl.	Soyland Power Cooperative Pearl Station Dock.	Not used.
6	22	Illinois River	Mile 55.3 right bank Illinois River Florence.	Cargill Florence Grain Elevator Dock.	Shipment of grain.
7	22	Illinois River	Right bank of Illinois River at mile 56.8	Central Stone Co.	Loading of stone; truck to barge
8	23	Illinois River	Right bank of Illinois River at mile 57.2	Quincy Soybean Co.	Loading of grain; truck to barge
9	24	Illinois River	Miles 61.4 to 67.9 left bank Illinois River Naples.	Naples Marine Service Fleet Moorings.	Mooring barges for fleeting.
10	26	Illinois River	Mile 64.4 left bank Illinois River Naples.	Consolidated Grain and Barge Co. Fertilizer Dock.	Receipt and shipment of fertilizer and other dry bulk materials; shipment of grain; occasional shipment of crude oil.
11	26	Illinois River	Mile 64.8 left bank Illinois River Naples.	Consolidated Grain and Barge Co. Grain Dock.	Shipment of grain and vegetable oil; receipt and shipment of miscellaneous dry bulk materials including coal sand and crushed stone; receipt of steel products.
12	26	Illinois River	Mile 66.1 left bank Illinois River Naples.	ADM/Growmark River System Naples Grain Elevator Dock.	Shipment of grain.
13	27	Illinois River	Mile 69.3 left bank Illinois River Meredosia.	Vigoro Industries Meredosia Dock.	Receipt of anhydrous ammonia and liquid fertilizer.
14	28	Illinois River	Mile 70.0 left bank Illinois River Meredosia.	National Starch and Chemical Co. Meredosia Plant Dock.	Not used.
15	28	Illinois River	Mile 70.5 left bank Illinois River Meredosia.	Central Illinois Public Service Co. Meredosia Power Station Fuel Oil Dock.	Receipt of fuel oil.
16	28	Illinois River	Mile 70.7 left bank Illinois River Meredosia.	Central Illinois Public Service Co. Meredosia Power Station Coal Dock.	Occasional receipt of coal.
17	28	Illinois River	Mile 71.2 left bank Illinois River Meredosia.	Cargill Meredosia Grain Elevator Dock.	Shipment of grain.
18	28	Illinois River	Mile 71.8 right bank Illinois River Meredosia.	Illinois Road Contractors Inc. Meridosia Terminal	Receipt of asphalt liquid fertilizer and calcium chloride; shipment of crude oil; receipt and shipment of miscellaneous dry bulk materials including fertilizer coal coke and salt.
19	35	Illinois River	Mile 88.0 left bank Illinois River Beardstown.	Clarkson Grain Co. Beardstown Dock.	Shipment of grain; receipt of sand gravel and fertilizer.
20	35	Illinois River	Mile 88.1 left bank Illinois River Beardstown.	Continental Grain Co. Beardstown Grain Elevator Dock.	Shipment of grain.
21	35	Illinois River	Miles 88.2 - 88.3 left bank Illinois River Beardstown. (See Remarks).	Logsdon Tug Service Beardstown Fleet Moorings.	Mooring company-owned floating equipment; mooring tugs for fleeting.
22	35	Illinois River	Mile 88.4 left bank Illinois River Beardstown.	Logsdon Sand & Gravel Co. Beardstown Dock.	Mooring company-owned floating equipment.
23	36	Illinois River	Mile 90.6 right bank Illinois River Beardstown.	AMAX Coal Industries Inc. Frederick Dock.	Not used.
24	36	Illinois River	Mile 90.9 right bank Illinois River nr Beardstown.	ADM/Growmark River System Inc. Frederick Terminal Dock.	Shipment of grain.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
25	46	Illinois River	Mile 117.7 right bank Illinois River Havana.	Jack Tanner Towing Co. Coggeshall Fleet Mooring.	Mooring barges for fleeting.
26	46	Illinois River	Mile 118.6 left bank Illinois River Havana.	Illinois Power Co. Havana Power Station Wharf.	Receipt of coal and fuel oil.
27	46	Illinois River	Mile 119.0 left bank Illinois River Havana.	Imperial Valley Terminal Havana Dock.	Receipt of liquid fertilizer.
28	46	Illinois River	Mile 119.2 left bank Illinois River Havana.	Tabor Grain Co. Havana Terminal Dock.	Shipment of grain and vegetable oil; receipt of liquid fertilizer; receipt and shipment of miscellaneous bulk materials including fertilizer salt coal and stone.
29	46	Illinois River	Mile 119.7 left bank Illinois River Havana.	ADM/Growmark River System Havana Grain Elevator Wharf.	Shipment of grain.
30	46	Illinois River	Mile 119.8 left bank Illinois River Havana.	Continental Grain Co. Havana Grain Elevator Dock.	Shipment of grain.
31	46	Illinois River	Mile 119.9 left bank Illinois River Havana.	Cargill Havana Grain Elevator Dock.	Shipment of grain.
32	47	Illinois River	Mile 120.9 left bank Illinois River Havana.	Commonwealth Edison Co. Havana Coal Transfer Plant Dock.	Shipment of coal.
33	49	Illinois River	Mile 127.1 right bank Illinois River Liverpool.	Liverpool Sand Co. Terminal	Shipment of sand and gravel; receipt of sludge.
34		Illinois River	Mile 140.2 right bank Illinois River Banner.	State of Illinois Banner Dock.	Not used.
35	56	Illinois River	Mile 145.4 right bank Illinois River Kingston Mines.	CF Industries Inc. Kingston Mines Terminal Dock.	Receipt and shipment of anhydrous ammonia and 32% urea ammonium nitrate solution.
36		Illinois River	Mile 145.7-146.6 left bank Illinois River Kingston Mines.	Garvey Marine Kingston Mines Fleet Mooring.	Mooring barges for fleeting.
37	57	Illinois River	Mile 147.0 right bank Illinois River Mapleton.	CF Industries Peoria Warehouse Coal Dock.	Occasional receipt of coal.
38	57	Illinois River	Mile 146.7 right bank Illinois River Mapleton.	CF Industries Peoria Warehouse No. 2 Dock.	Receipt of dry bulk fertilizer and coal.
39	57	Illinois River	Mile 146.7 right bank Illinois River Mapleton.	CF Industries Peoria Warehouse No. 1 Dock.	Receipt of dry bulk fertilizer.
40	58	Illinois River	Mile 149.4 right bank Illinois River Mapleton.	Old World Trading Co. Mapleton Plant Dock.	Receipt of vegetable oil.
41		Illinois River	Mile 151.2 left bank Illinois River Pekin.	American Milling Co. Pekin Grain Elevator Dock.	Shipment of grain.
42	59	Illinois River	Mile 151.4 left bank Illinois River Pekin.	Midwest Grain Products of Illinois Pekin Wharf.	Shipment of alcohol and liquid and dry animal feed.
43	59	Illinois River	Mile 152.2 left bank Illinois River Pekin.	Sours Grain Co. Pekin Grain Elevator Dock.	Shipment of grain and animal feed.
44	59	Illinois River	Mile 151.2 right bank Illinois River for miles ???	Garvey Marine Pekin Right Bank Fleet Mooring	
45	59	Illinois River	Mile 152.8 left bank Illinois River Pekin.	Archer Daniels Midland Pekin Grain Elevator Dock.	Shipment of grain.
46	59	Illinois River	Mile 152.6 left bank Illinois River Pekin.	Garnac Grain Co. Pekin Elevator Dock.	Shipment of grain.
47	59	Illinois River	Mile 152.5 left bank Illinois River Pekin.	Garvey Marine Pekin Left Bank Fleet Mooring.	Mooring company-owned floating equipment; mooring barges for fleeting.
48	59	Illinois River	Mile 152.7 right bank Illinois River Pekin.	Shell Oil Co. Pekin Asphalt Plant Dock.	Receipt of asphalt; mooring barges for fleeting.
49	59	Illinois River	Mile 152.7 left bank Illinois River Pekin.	Ferruzzi USA Inc. Pekin Grain Elevator Dock.	Not used.
50	60	Illinois River	Mile 154.0 right bank Illinois River Bartonville.	Cargo Carriers Pekin Terminal Dock.	Receipt of miscellaneous dry bulk materials including fertilizer salt and coal.
51	60	Illinois River	Mile 154.9 right bank Illinois River Bartonville.	Lafarge Corp. Great Lakes Region Peoria Terminal Dock.	Not used.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
52	60	Illinois River	Mile 155.0 right bank Illinois River Bartonville.	Petroleum Fuel & Terminal Corp. Bartonville Terminal Dock.	Receipt of fuel oil and gasoline.
53	61	Illinois River	Mile 157.3 left bank Illinois River Pekin.	Agrico Chemical Co. North Pekin Terminal Dock.	Occasional receipt of liquid fertilizer.
54	61	Illinois River	Mile 158.1 left bank Illinois River Pekin.	Amoco Oil Co. North Pekin Terminal Barge Dock.	Receipt of petroleum products and anhydrous ammonia.
55	61	Illinois River	Mile 158.3 left bank Illinois River Creve Coeur.	Hicks Oil & Hicks Gas Dock.	Receipt of petroleum products.
56	61	Illinois River	Mile 158.4 left bank Illinois River Creve Coeur.	Central Illinois Dock Co. Upper Dock.	Receipt and shipment of miscellaneous dry bulk materials; receipt of salt.
57	61	Illinois River	Mile 157.9 right bank Illinois River	Keystone Steel & Wire Co.	
58	61	Illinois River	Mile 158.1 left bank Illinois River	Archers Daniels Midland (ADM) Terminal	
59	61	Illinois River	Mile 159.1 left bank Illinois River Creve Coeur.	Kellers Peoria Harbor & Fleeting Service Creve Coeur Landing.	Mooring vessels for repair; mooring floating drydock; mooring barges for fleeting.
60	62	Illinois River	Mile 159.3 left bank Illinois River Creve Coeur.	Midwest Foundation Corp. Wharf.	Mooring barges; handling construction materials.
61	62	Illinois River	Mile 160.3 right bank Illinois River Peoria.	Peoria Barge Terminal Wharf	Receipt and occasional shipment of alcohol; receipt of liquid fertilizer.
62	62	Illinois River	Mile 160.4 right bank Illinois River Peoria.	Peoria Barge Terminal Wharf.	Receipt and shipment of miscellaneous bulk materials including coal salt and rock.
63	62	Illinois River	Mile 160.6 right bank Illinois River Peoria.	Jubilee Materials Dock.	Part concrete part steel sheet pile bulkhead; part timber breasting piles fronting natural bank.
64	62	Illinois River	Mile 161.4 right bank Illinois River Peoria.	ADM/Growmark River System Inc. Peoria Wharf.	Shipment of grain distillers dried grain and animal feed; receipt and shipment of alcohol.
65	63	Illinois River	Mile 162.1 left bank Illinois River East Peoria.	Caterpillar Tractor Co. East Peoria Dock.	Not used.
66	63	Illinois River	Mile 162.4 left bank Illinois River East Peoria.	U.S. Coast Guard Base Peoria Dock.	Mooring U.S. Coast Guard vessels; handling navigation aids.
67	63A	Illinois River	Mile 163.3 left bank Peoria Lake East Peoria.	Demeter East Peoria Grain Elevator Dock.	Occasional shipment of grain.
68	63	Illinois River	Mile 163.6 right bank Illinois River Peoria.	Greater Peoria Riverboat Association Boat Dock	Landing for excursion vessel Spirit of Peoria.
69	63	Illinois River	Mile 164 right bank Illinois River Peoria.	U.S. Army Corps of Engineers Illinois Waterway Project Office Slip.	Mooring government-owned floating equipment.
70		Illinois River	Mile 164.4 right bank Illinois River	Komatsu Dresser Co. Terminal	
71	68	Illinois River	Mile 172.5 left bank Upper Peoria Lake Spring Bay.	Powley Sand and Gravel Co. Dock.	Shipment of sand and gravel.
72	71	Illinois River	Mile 180.4 right bank Illinois River Chillicothe.	Arthur Daniels Midland (ADM) Co. Chillicothe Terminal.	Shipment of grain.
73	71	Illinois River	Mile 181.0 right bank Illinois River	Galena Road Gravel Inc. Chillicothe Terminal	
74		Illinois River	Mile 188.2 right bank Illinois River Lacon.	Trumbull River Services Lacon Fleet Mooring.	Mooring barges for fleeting.
75	74	Illinois River	Mile 189.2 left bank Illinois River Lacon.	Trumbull River Services Dock.	Mooring barges for cleaning and repair; landing for fleeting vessels.
76	74	Illinois River	Mile 189.3 left bank Illinois River Lacon.	Continental Grain Co. Lacon Grain Elevator Dock.	Shipment of grain.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
77	74	Illinois River	Mile 189.3 left bank Illinois River Lacon.	Midwest Foundation Corp. Lacon Dock.	Mooring marine contractors floating equipment; handling supplies and equipment.
78	75	Illinois River	Mile 189.6 left bank Illinois River Lacon.	ADM/Growmark River System Lacon Grain Elevator Wharf.	Shipment of grain.
79	75	Illinois River	Mile 189.7 left bank Illinois River Lacon.	Midwest Sand and Gravel Salt Dock.	Receipt of salt; occasional receipt of fertilizer.
80	75	Illinois River	Mile 190.0 left bank Illinois River Lacon.	Midwest Sand & Gravel Aggregates Dock.	Shipment of sand and gravel.
81	77	Illinois River	Mile 195.8 right bank Illinois River Henry.	Arthur Daniels Midland (ADM) Co. Henry Grain Elevator Dock.	Shipment of grain.
82	78	Illinois River	Mile 197.6 right bank Illinois River Henry.	Farmland Industries Henry Terminal Dock.	Receipt of anhydrous ammonia and 32% nitrogen solution (UAN).
83	81	Illinois River	Mile 207.2 left bank Illinois River Hennepin.	CGB Marine Services Hennepin Dock and Fleet Moorings.	Mooring barges for fleeting.
84	82	Illinois River	Mile 207.4 right bank Illinois River Hennepin.	Consolidated Grain & Barge Co. Hennepin Terminal Dock.	Receipt of fertilizer and other miscellaneous bulk materials; shipment of grain.
85	82	Illinois River	Mile 207.5 left bank Illinois River Hennepin	Continental Grain Co. Hennepin Grain Elevator Dock.	Shipment of grain
86	82	Illinois River	Mile 207.7 left bank Illinois River Hennepin.	ADM/Growmark River System Hennepin Grain Elevator Dock.	Shipment of grain.
87		Illinois River	Mile 208.1 - 208.7 left bank Illinois River Hennepin.	American River Transportation Co. (ARTCO) Hennepin Fleet Moorings.	Mooring barges for fleeting.
88	82	Illinois River	Mile 208.9 left bank Illinois River Hennepin.	Tri-River Docks Inc. Hennepin Dock.	Shipment of steel products.
89	83	Illinois River	Mile 211.8 left bank Illinois River Hennepin.	Illinois Power Co. Hennepin Power Station Coal Dock.	Receipt of coal.
90	83	Illinois River	Miles 211.6 and 212.2 left bank Illinois River Hennepin.	Louisiana Dock Co. Hennepin Fleet Moorings.	Mooring barges for fleeting.
91	84	Illinois River	Mile 212.0 left bank Illinois River	Louisiana Dock Co. Hennepin Fleet Moorings	
92	84	Illinois River	Mile 212.2 left bank Illinois River	Louisiana Dock Co. Hennepin Fleet Moorings	
93	86	Illinois River	Mile 216.9-218.2 right bank and mile 217.8-218.3 left bank Illinois River Spring Valley.	CGB Marine Services Spring Valley Fleet Moorings.	Mooring barges for fleeting.
94	86	Illinois River	Mile 218.4 left bank Illinois River Spring Valley.	Cargill Spring Valley Grain Elevator Dock.	Shipment of grain. Mooring barges for fleeting.
95	86	Illinois River	Mile 218.3 right bank Illinois River Spring Valley.	Continental Grain Co. Spring Valley Grain Elevator Dock.	Shipment of grain.
96	86	Illinois River	Mile 218.5 right bank Illinois River Spring Valley.	ADM/Growmark River System Spring Valley Grain Elevator Dock.	Shipment of grain.
97	87	Illinois River	Mile 220.3-221.0 right bank Illinois River Peru.	American River Transportation Co. (ARTCO) Peru Fleet.	Mooring barges for fleeting.
98	87	Illinois River	Mile 221.3 right bank Illinois River Peru.	CF Industries Peru Nitrogen Terminal Dock.	Receipt and shipment of anhydrous ammonia and 30% urea ammonium nitrate solution.
99	87	Illinois River	Mile 221.4 right bank Illinois River Peru.	ST Services Inc. Peru Terminal Dock.	Receipt and shipment of petroleum products.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
100	87	Illinois River	Mile 222.0 right bank Illinois River Peru.	Mertel Gravel Co. River Docks Barge Wharf.	Receipt and shipment of miscellaneous dry bulk materials including sand stone coal and grain.
101	88	Illinois River	Mile 223.2 right bank Illinois River Peru.	Consolidated Grain and Barge Co. Peru Terminal Dock.	Shipment of grain.
102	88	Illinois River	Mile 223.2-224.6 right bank Illinois River La Salle.	American River Transportation Co. (ARTCO) La Salle Fleet.	Mooring barges for fleeting.
103	88	Illinois River	Mile 223.2 right bank Illinois River Peru.	Huntsman Chemical Corp. Peru Plant Dock.	Receipt of styrene monomer.
104	88	Illinois River	Mile 223.1 right bank Illinois River Peru.	Westway Trading Corp. Peru Terminal Dock.	Receipt of molasses.
105	88	Illinois River	Mile 223.2 right bank Illinois River LaSalle.	ADM La Salle Terminal Bulk Materials Dock.	Receipt and shipment of miscellaneous bulk materials including salt coal and dry fertilizer; receipt of liquid fertilizer.
106	88	Illinois River	Mile 223.2 right bank Illinois River LaSalle.	ADM La Salle Grain Elevator Dock.	Shipment of grain and corn.
107	90	Illinois River	Mile 229.0 right bank Illinois River Utica.	Consolidated Grain and Barge Co. Utica Terminal Dock.	Shipment of grain.
108	90	Illinois River	Mile 228.5 right bank Illinois River Utica.	Illinois Road Contractors Inc. Utica Terminal Dock.	Receipt of asphalt and petroleum products.
109	93	Illinois River	Mile 236.4 right bank Illinois River Ottawa.	Ottawa Barge Terminal Barge Grain Dock.	Shipment of grain.
110	93	Illinois River	Mile 235.9 right bank Illinois River Ottawa.	Cargill Inc. North Ottawa Grain Elevator Dock.	Not used.
111	93	Illinois River	Mile 236.3 right bank Illinois River Ottawa.	Ottawa Barge Terminal Bulk Materials Dock.	Receipt of steel products and miscellaneous dry bulk materials including salt bark mulch lime fertilizer and coal.
112	93	Illinois River	Mile 236.8 left bank Illinois River Ottawa.	Garvey Marine Ottawa Fleet Moorings.	Landing for fleet service vessels; mooring barges for fleeting and cleaning.
113	93	Illinois River	Mile 236.9 left bank Illinois River Ottawa.	ADM/Growmark River System Ottawa South Grain Elevator Wharf.	Shipment of grain.
114	93	Illinois River	Mile 237.9 right bank Illinois River Ottawa.	Libbey-Owens-Ford Ottawa Plant 5 Dock.	Not used.
115	93	Illinois River	Mile 238.5 left bank Illinois River Ottawa.	Cargill Ottawa South Grain Elevator Dock.	Shipment of grain.
116	95	Illinois River	Mile 241.9 right bank Illinois River Ottawa.	ADM/Growmark River System Ottawa North Grain Elevator Dock.	Shipment of grain; mooring vessels for fleeting.
117	95	Illinois River	Mile 243.3 right bank Illinois River Ottawa.	Garvey International Ottawa Terminal Dock.	Receipt of fertilizer and wood bark; shipment of grain by products.
118	96	Illinois River	Mile 244.0 right bank Illinois River Ottawa.	G. E. Plastics Ottawa Plant Wharf.	Receipt of styrene and butadiene.
119	95	Illinois River	Mile 243.5 right bank Illinois River Ottawa.	Ottawa Steel & Wire Inc. Barge Slip Dock.	Receipt of steel products.
120	97	Illinois River	Mile 247.9 right bank Illinois River Marseilles.	The GR Group. Marseilles Plant Slip.	Not used.
121	97	Illinois River	Mile 248.8 right bank Illinois River Marseilles.	Vigoro Industries Marseilles Terminal Bulk Dock.	Receipt of bulk urea potash and dry fertilizer.
122	97	Illinois River	Mile 248.7 right bank Illinois River Marseilles.	Vigoro Industries Marseilles Terminal Ammonia Dock.	Receipt of anhydrous ammonia and liquid nitrogen solution.
123		Illinois River	Mile 249.9 right bank Illinois River Marseilles.	TexasGulf Inc. Marseilles Plant Dock.	Receipt of limestone.
124	99	Illinois River	Mile 252.0 left bank Illinois River Seneca.	Seneca Barge Dock.	Mooring barges.
125	99	Illinois River	Mile 252.6 right bank Illinois River Seneca.	Continental Grain Co. Seneca Grain Elevator Wharf.	Shipment of grain.
126	99	Illinois River	Mile 252.8 left bank Illinois River Seneca.	Black Marine Docks.	Mooring vessels and barges for repair; mooring barges for fleeting.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
127	99	Illinois River	Mile 252.6 left bank Illinois River Seneca.	Farmers Elevator Co. Seneca Dock.	Shipment of grain.
128	99	Illinois River	Mile 253.3 left bank Illinois River Seneca.	Spicer Gravel Co. Material Plant No. 2 Seneca Dock.	Shipment of sand; mooring barges.
129	99	Illinois River	Mile 253.6 right bank Illinois River Seneca.	Shipyard Terminal & Industrial Park Wharf.	Receipt and shipment of miscellaneous dry bulk materials including fertilizer lime salt and coal; receipt of liquid fertilizer steel products and wood products; occasional shipment of grain.
130	99	Illinois River	Mile 253.5 left bank Illinois River Seneca.	Fox River Minerals Seneca Dock.	Shipment of sand.
131	99	Illinois River	Mile 253.8 left bank Illinois River Seneca.	Seneca Regional Port District.	Receipt of anhydrous ammonia.
132	102	Illinois River	Mile 262.0 left bank Illinois River Morris.	Material Service Corp. Morris Pit Towboat Dock.	Mooring tugs.
133	103	Illinois River	Mile 262.5 left bank Illinois River Morris.	Material Service Corp. Yard 34 Dock.	Receipt of sand; shipment of sand from processing plant.
134	103	Illinois River	Mile 262.9 right bank Illinois River Morris.	ADM/Growmark River System Morris Grain Elevator West Dock.	Shipment of grain.
135	103	Illinois River	Mile 262.6 left bank Illinois River Morris.	Material Service Corp. Morris Pit Repair Dock.	Mooring company-owned equipment.
136	103	Illinois River	Mile 263.0 right bank Illinois River Morris.	ADM/Growmark River System Morris Grain Elevator East Dock.	Shipment of grain.
137	103	Illinois River	Mile 263.1 right bank Illinois River Morris.	Cargill Morris Grain Elevator Dock.	Shipment of grain.
138	103	Illinois River	Mile 263.2 right bank Illinois River Morris.	Continental Grain Co. Morris Grain Elevator Dock.	Shipment of grain.
139	103	Illinois River	Mile 263 left bank Illinois River Morris.	Valley Run Stone Co. Morris Dock.	Shipment of sand and gravel.
140	103	Illinois River	Mile 263.3 right bank Illinois River Morris.	Garvey Marine Morris Division Fleet Mooring.	Wharf: landing for fleet service vessels; fleet moorings: mooring vessels for fleeting and repair.
141	104	Illinois River	Mile 265.8 left bank Illinois River Morris.	Commonwealth Edison Co. Collins Electric Station Fuel Oil Dock.	Receipt of fuel oil for plant consumption.
142	106	Illinois River	Mile 269.9 right bank Illinois River Morris.	Quantum Chemical Co. Morris Plant Barge Dock.	Shipment of chemicals.
143	106	Illinois River	Mile 270.4 left bank Illinois River Morris.	Reichhold Chemicals Morris Plant Dock.	Not used.
144	107	Illinois River	Mile 272.1 left bank Illinois River Morris.	Commonwealth Edison Co. Dresden Nuclear Power Station Dock.	Not used.
145	108	Des Plaines River	Mile 275.8 left bank Des Plaines River Channahon.	Dow Chemical Co. Joliet Plant West Dock.	Receipt of liquid chemicals.
146	108	Des Plaines River	Mile 275.9 left bank Des Plaines River Channahon.	Dow Chemical Co. Joliet Plant East Dock.	Receipt of liquid chemicals.
147	108	Des Plaines River	Mile 276.0 left bank Des Plaines River Channahon.	Dow Chemical Co. Joliet Plant Styrene Dock.	Receipt of styrene.
148	108	Des Plaines River	Mile 276.4 left bank Des Plaines River Channahon.	Van Den Bergh Foods Co. Joliet Plant Dock.	Receipt of vegetable oil.
149	108	Des Plaines River	Mile 276.4 left bank Des Plaines River Channahon.	Exxon Co. U.S.A. Midwest Plant Dock.	Receipt of petroleum products and petrochemicals.
150	108	Des Plaines River	Mile 277.7 right bank Des Plaines River Channahon.	Spivey Industries Marine & Harbor Service Co. Channahon Terminal Slip.	Receipt of liquid fertilizer steel products and miscellaneous dry bulk materials including coal fertilizer sand and gravel; mooring company-owned fleeting equipment for maintenance and repair.
151	108	Des Plaines River	Mile 277.7 left bank Des Plaines River Channahon.	BASF Corp. Joliet Polystyrene Plant Dock.	Receipt of styrene.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
152	109	Des Plaines River	Mile 278.0 left bank Des Plaines River Channahon.	Mobil Oil Corp. Joliet Refinery Dock.	Shipment of petroleum coke; receipt and shipment of petroleum products petrochemicals and spent caustic soda.
153	109	Des Plaines River	Mile 278.6 right bank Des Plaines River Channahon.	Illinois Marine Towing Lemont Slip.	Receipt of petroleum coke; mooring barges for fleeting.
154	109	Des Plaines River	Mile 280.3 right bank Des Plaines River Channahon.	Amoco Chemical Co. Joliet Plant Dock.	Receipt of feedstocks (metaxylene styrene monomer and psuedocumene).
155	109	Des Plaines River	Mile 280.1 left bank Des Plaines River Millsdale.	Stepan Co. Millsdale Plant Dock.	Receipt of chemicals and petrochemicals.
156	110	Des Plaines River	Mile 281.3 right bank Des Plaines River Channahon.	Canal Barge Co. Channahon Asphalt Terminal Dock.	Receipt of asphalt.
157	110	Des Plaines River	Mile 281.1 right bank Des Plaines River Channahon.	Pitman-Moore Channahon Terminal Dock.	Receipt of miscellaneous dry bulk materials including fertilizer urea and animal feed.
158	110	Des Plaines River	Mile 281.2 right bank Des Plaines River Channahon.	CF Industries Ammonia Terminal Dock.	Receipt of anhydrous ammonia.
159	111	Des Plaines River	Mile 284.5 left bank Des Plaines River Joliet.	Olin Corp. Joliet Plant Dock.	Not used.
160	111	Des Plaines River	Mile 285.0 left bank Des Plaines River Joliet.	Commonwealth Edison Co. Joliet Generating Station No.9 Coal Dock.	Not used.
161	112	Des Plaines River	Mile 287.4 right bank Des Plaines River Joliet.	Scrap Service Co. Joliet Dock.	Receipt and shipment of scrap metal.
162	112	Des Plaines River	Mile 287.1 right bank Des Plaines River Joliet.	Tri-River Docks Joliet Terminal Dock.	Mooring barges for fleeting; receipt of miscellaneous dry bulk commodities; ocassional receipt of steel products.
163	112	Des Plaines River	Mile 287.0 right bank Des Plaines River Joliet.	Barge Terminal Trucking Joliet Terminal Dock.	Receipt of salt.
164	112	Des Plaines River	Mile 286.6 right bank Des Plaines River Joliet.	Brandon Harbor Supply Co. Dock.	Fueling vessels.
165	112	Des Plaines River	Mile 288.6 left bank Des Plaines River Joliet.	Joliet Marine & Dry Dock.	Mooring and repairing floating equipment and barges.
166	114	Chicago Sanitary & Ship Canal	Mile 292.6 west side Chicago Sanitary and Ship Canal approximately 600 feet south of 9th Street Bridge Lockport.	Cargill Lockport Grain Elevator Dock.	Shipment of grain.
167	114	Chicago Sanitary & Ship Canal	Mile 292.8 west side Chicago Sanitary and Ship Canal approximately 650 feet north of 9th Street Bridge Lockport.	Continental Grain Co. Lockport Grain Elevator Dock.	Shipment of grain.
168	114	Chicago Sanitary & Ship Canal	Mile 293.1 west side Chicago Sanitary and Ship Canal approximately 1600 feet north of 9th Street Bridge Lockport.	Material Service Corp. Lockport Mooring.	Mooring barges for fleeting.
169	114	Chicago Sanitary & Ship Canal	Mile 293.3 east side Chicago Sanitary and Ship Canal approximately 0.4 mile north of 9th Street Bridge Lockport.	Texaco Refining and Marketing Lockport Plant Wharf.	Not used.
170	114	Chicago Sanitary & Ship Canal	Mile 293.3 right bank Chicago Sanitary & Ship Canal	Material Service Corp. Terminal.	
171	115	Chicago Sanitary & Ship Canal	Mile 295.2 west side Chicago Sanitary and Ship Canal approximately 0.6 mile south of Romeo Highway Bridge Lockport.	Material Service Corp. Lockport Marine Repair Slip.	Mooring towboats barges and other types of inland waterway craft for repair conversion and outfitting; shipment of crushed stone sand and gravel.
172	115	Chicago Sanitary & Ship Canal	Mile 295.3 west side Chicago Sanitary and Ship Canal approximately 0.8 mile south of Romeo Highway Bridge Lockport.	Material Service Corp. Lockport Marine Repair Basin.	Mooring towboats barges and other types of inland waterway craft for repair conversion and outfitting.
173	115	Chicago Sanitary & Ship Canal	Miles 293.3 - 295.2 west side Chicago Sanitary and Ship Canal approximately 1 mile north of 9th Street Bridge Lockport.	Material Service Corp. Lockport Sand and Stone Wharf.	Receipt and shipment of crushed stone sand and gravel; mooring towboats and barges for fleeting.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
174	116	Chicago Sanitary & Ship Canal	Mile 296.0 west side Chicago Sanitary and Ship Canal south of Romeo Highway Bridge Romeoville.	Commonwealth Edison Co. Will County Generating Station Coal Wharf.	Receipt of coal for plant consumption.
175	116	Chicago Sanitary & Ship Canal	Mile 296.7 east side Chicago Sanitary and Ship Canal approximately 0.2 mile northeast of Romeo Highway Bridge Lemont.	Unocal Corp. Chicago Carbon Plant Wharf.	Shipment of coke.
176	116	Chicago Sanitary & Ship Canal	Mile 297.5 east side Chicago Sanitary and Ship Canal approximately 1.3 miles northeast of Romeo Highway Bridge Lemont.	Uno-Ven Co. Chicago Refinery Wharf.	Receipt and shipment of petroleum products and petrochemicals; fueling towboats and supplying lubricating oils.
177	116	Chicago Sanitary & Ship Canal	Mile 297.7 east side Chicago Sanitary and Ship Canal approximately 1.5 miles northeast of Romeo Highway Bridge Lemont.	Korall Corp. Lemont Asphalt Dock.	Receipt and shipment of asphalt.
178	116	Chicago Sanitary & Ship Canal	Mile 298.1 south side Chicago Sanitary and Ship Canal approximately 2.4 miles west of Lemont Road Bridge Lemont.	Waterways Industrial Park Lemont Wharf.	Mooring company-owned and transient barges for fleeting.
179	117	Chicago Sanitary & Ship Canal	Mile 298.8 south side Chicago Sanitary and Ship Canal approximately 1.8 miles west of Lemont Road Bridge Lemont.	Austeel Lemont Co. Wharf.	Shipment of semi-finished and finished steel products; receipt of scrap steel; and mooring company-owned and transient barges for fleeting.
180	117	Chicago Sanitary & Ship Canal	Mile 299.1 north side Chicago Sanitary and Ship Canal approximately 1.3 miles west of Lemont Road Bridge Lemont.	Garvey Marine Lemont Slip No. 1.	Mooring company-owned towboats for maintenance and repair; mooring barges for fleeting cleaning and repair.
181	117	Chicago Sanitary & Ship Canal	Mile 299.4 north side Chicago Sanitary and Ship Canal approx 1.1 mile west of Lemont Road Bridge west side of Slip No. 2 Lemont.	Marine Handling and Fleeting Co. Lemont Slip No. 2 Steel Unloading Wharf.	Receipt of steel pipe coiled steel strip and other steel products by barge; mooring barges and towboats for fleeting.
182	117	Chicago Sanitary & Ship Canal	Mile 299.7 north side Chicago Sanitary and Ship Canal approximately 0.8 mile west of Lemont Road Bridge Lemont.	Marine Handling and Fleeting Co. Lemont Slip No. 3.	Mooring barges and towboats for fleeting.
183	117	Chicago Sanitary & Ship Canal	Mile 299.8 north Chicago Sanitary and Ship Canal 0.7 mile west of Lemont Road Bridge north & west sides of Slip No. 4.	Garvey Marine Lemont Slip No. 4 Mooring.	Mooring barges for fleeting cleaning and repair.
184	117	Chicago Sanitary & Ship Canal	Mile 299.8 south side Chicago Sanitary and Ship Canal approximately 0.6 mile west of Lemont Road Bridge Lemont.	National Marine Lemont Slip and Wharf.	Occasional handling of supplies to company-owned towboats; mooring company-owned and transient barges for fleeting maintenance and repair; loading and unloading ballast from barges.
185	117	Chicago Sanitary & Ship Canal	Mile 300.0 north side Chicago Sanitary and Ship Canal approximately 0.3 mile west of Lemont Road Bridge Lemont	R-A Industries Terminal Lemont Canal Wharf.	Receipt of conventional general cargo and dry bulk materials by barge including steel products salt sand stone mulch and coal.
186	117	Chicago Sanitary & Ship Canal	Mile 300.2 south side Chicago Sanitary and Ship Canal west of Lemont Road Bridge Lemont	Chicago Metropolitan Water Reclamation District Lemont Terminal Wharf.	Not used.
187	117	Chicago Sanitary & Ship Canal	Mile 300.3 north side Chicago Sanitary and Ship Canal approximately 300 feet west of Lemont Road Bridge Lemont.	Du-Kane Asphalt Co. Lemont Wharf.	Receipt of sand and stone by barge.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
188	118	Chicago Sanitary & Ship Canal	Mile 300.7 north side Chicago Sanitary and Ship Canal east of Atchison Topeka and Santa Fe Railway bridge Lemont.	Tri-River Docks Lemont Yard Wharf.	Receipt and shipment of steel products and miscellaneous dry bulk materials by barge including sand gravel mulch coal and petroleum coke; mooring barges for fleeting.
189	118	Chicago Sanitary & Ship Canal	Mile 300.9 north side Chicago Sanitary and Ship Canal approx. 0.3 mile east of Atchison Topeka and Santa Fe Railway bridge Lemont.	M.W.S. Enterprises Wharf.	Not used.
190	118	Chicago Sanitary & Ship Canal	Mile 301.0 north side Chicago Sanitary and Ship Canal approx. 0.4 mile east of Atchison Topeka and Santa Fe Railway bridge Lemont.	INTAC Automotive Products Lemont Plant Wharf.	Receipt of ethylene glycol; mooring barges for fleeting.
191	118	Chicago Sanitary & Ship Canal	Mile 301.0 north side Chicago Sanitary and Ship Canal approx. 0.5 mile east of Atchison Topeka and Santa Fe Railway bridge Lemont.	Lake River Corp. Wharf.	Handling construction equipment and supplies by barge; mooring barges for fleeting.
192	118	Chicago Sanitary & Ship Canal	Mile 301.1 north side Chicago Sanitary and Ship Canal approx. 0.6 mile east of Atchison Topeka and Santa Fe Railway bridge Lemont.	Heritage Environmental Services Lemont Industrial District Slip C.	Mooring tank barges for fleeting and occasionally for cleaning.
193	118	Chicago Sanitary & Ship Canal	Mile 301.1 south side Chicago Sanitary and Ship Canal approx. 0.6 mile east of Atchison Topeka and Santa Fe Railway bridge Lemont.	K. A. Steel Chemicals Wharf.	Receipt and occasional shipment of caustic soda; receipt of hydrochloric acid.
194	118	Chicago Sanitary & Ship Canal	Mile 301.3 north side Chicago Sanitary and Ship Canal approx. 0.8 mile east of Atchison Topeka and Santa Fe Railway bridge Lemont.	Service Welding and Shipbuilding Lemont Industrial District Slip B.	Mooring vessels and barges for repair and maintenance; mooring floating drydocks; mooring barges for fleeting.
195	118	Chicago Sanitary & Ship Canal	Mile 301.4 north side Chicago Sanitary and Ship Canal 0.9 mile E of Atchison Topeka and Santa Fe Rwy br west side of Slip C Lemont.	American Commercial Marine Service Co. Lemont Industrial District Slip A Mooring.	Mooring company-owned barges for storage cleaning and repair.
196	118	Chicago Sanitary & Ship Canal	Mile 301.5 north side Chicago Sanitary and Ship Canal 1.0 mile E of Atchison Topeka and Santa Fe Rwy br east side of Slip C Lemont.	Scarpelli Materials Yard 436 Lemont Industrial District Slip A Wharves.	Receipt and shipment of general dry bulk materials by barge including salt mulch and occasionally sand; mooring company-owned barges.
197	119	Chicago Sanitary & Ship Canal	Mile 302.9 southeast side Chicago Sanitary and Ship Canal approx. 700 feet west of junction with Calumet-Sag Channel Lemont.	Illinois Marine Towing Lemont Upper Fleet Mooring.	Mooring barges for fleeting.
198	119	Chicago Sanitary & Ship Canal	Mile 303.2 southeast side Chicago Sanitary and Ship Canal west of junction with Calumet-Sag Channel Lemont.	Powell Duffryn Terminals Lemont Wharf.	Receipt and shipment of miscellaneous bulk liquids including caustic soda various other chemicals asphalt and petroleum products.
199	119	Chicago Sanitary & Ship Canal	Mile 303.8 southeast side Chicago Sanitary and Ship Canal NE and SW of Robert Kingery Highway (State Highway 83) Bridge Lemont.	Hannah Marine Corp. Main Wharf and Barge Mooring.	Mooring towboats and barges for repair gas freeing tank cleaning and general maintenance; mooring floating drydock; mooring barges for fleeting.
200	119	Chicago Sanitary & Ship Canal	Mile 304.3 southeast side Chicago Sanitary and Ship Canal 1350 feet northeast of Robert Kingery Highway (State 83) Bridge Lemont.	Holnam Lemont Wharf.	Receipt of bulk cement by barge.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
201	120	Chicago Sanitary & Ship Canal	Mile 305.8 southeast side Chicago Sanitary and Ship Canal 1.8 miles NE of Robert Kingery Highway (State 83) Bridge Willow Springs.	Rowell Chemical Corp. Willow Springs Terminal Wharf.	Receipt of caustic soda by barge.
202	121	Chicago Sanitary & Ship Canal	Mile 308.2 northwest side Chicago Sanitary and Ship Canal approx.1900 feet northeast of Willow Springs Road Bridge Willow Springs.	Valvoline Willow Springs Wharf.	Receipt of lubricating oil base stocks.
203	122	Chicago Sanitary & Ship Canal	Mile 310.4 northwest side Chicago Sanitary and Ship Canal 1.0 mile northeast of LaGrange Road (U.S. Highway 45) Bridge Willow Springs.	Metropolitan Water Reclamation District L.A.S.M.A. Lagoon Wharf.	Transient mooring of barges; occasional shipment of dry bulk fertilizer from vicinity by barge.
204	122	Chicago Sanitary & Ship Canal	Mile 310.6 southeast side Chicago Sanitary and Ship Canal approx. 1.2 miles northeast of La Grange Road (U.S. Highway 45) Bridge Argo.	Shell Oil Co. Wharf.	Receipt and occasional shipment of petroleum products petrochemicals and solvents.
205	122	Chicago Sanitary & Ship Canal	Mile 311.0 southeast side Chicago Sanitary and Ship Canal approx. 1.5 miles northeast of La Grange Road Bridge Argo.	GATX Terminals Corp. Argo Terminal Wharf No. 2.	Receipt and shipment of bulk liquids including petroleum products petrochemicals chemicals caustics alcohols and tallow.
206	122	Chicago Sanitary & Ship Canal	Mile 311.1 southeast Chicago Sanitary and Ship Canal approx. 1.6 miles northeast of La Grange Road Bridge.	GATX Terminals Corp. Argo Terminal Wharf No. 1.	Receipt and shipment of bulk liquids including petroleum products petrochemicals chemicals caustics alcohols glycols esters styrenes and ketones.
207	122	Chicago Sanitary & Ship Canal	Mile 311.2 southeast Chicago Sanitary and Ship Canal approx. 1.7 miles northeast of La Grange Road Bridge.	GATX Terminals Corp. Argo Terminal Wharf No. 3.	Receipt and shipment of bulk liquids including petrochemicals chemicals caustics alcohols glycols esters styrenes and ketones.
208	123	Chicago Sanitary & Ship Canal	Mile 312.4 northwest Chicago Sanitary and Ship Canal approx. 600 ft northeast of CSX Rail Transport bridge.	Vulcan Materials Summit Wharf.	Receipt of coal and shipment of stone by barge; mooring company-owned vessel.
209	123	Chicago Sanitary & Ship Canal	Mile 312.4 southeast side Chicago Sanitary and Ship Canal approx. 1000 feet northeast of CSX Rail Transport bridge Summit	Continental Cement Co. Chicago Terminal Dock.	Receipt of bulk cement by barge.
210	123	Chicago Sanitary & Ship Canal	Mile 312.5 southeast side Chicago Sanitary and Ship Canal approx.1500 feet northeast of CSX Rail Transport bridge Summit	Trumbull Asphalt Summit Plant Wharf.	Receipt of asphalt and solvents by barge.
211	123	Chicago Sanitary & Ship Canal	Mile 313.7 south side Chicago Sanitary and Ship Canal between South Harlem Avenue and Stevenson Expressway (I-55) bridges Summit	Lake River Corp. Southwest Wharf.	Not used.
212	123	Chicago Sanitary & Ship Canal	Mile 314.1 north side Chicago Sanitary and Ship Canal east of South Harlem Avenue Bridge Forest View.	Lake River Corp. Main Wharf.	Receipt and shipment of bulk liquids by barge including petrochemicals caustic soda and vegetable oils.
213	123	Chicago Sanitary & Ship Canal	Mile 314.2 north side Chicago Sanitary and Ship Canal approx. 1100 feet east of South Harlem Avenue Bridge Forest View.	Amoco Oil Co. Chicago Terminal Wharf.	Occasional receipt and shipment of petroleum products and petrochemicals by barge.
214	123	Chicago Sanitary & Ship Canal	Mile 314.5 north side Chicago Sanitary and Ship Canal 1600 feet west of Atchison Topeka and Santa Fe Railway bridge Forest View.	Petroleum Fuel and Terminal Co. Chicago Division Wharf.	Receipt and shipment of petroleum products by barge; fueling company-owned vessels.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
215	123	Chicago Sanitary & Ship Canal	Mile 314.6 south side Chicago Sanitary and Ship Canal 1100 feet west of Atchison Topeka and Santa Fe Railway bridge Forest View.	Chicago Metropolitan Water Reclamation District Forest View Terminal Wharf.	Not used.
216	123	Chicago Sanitary & Ship Canal	Mile 314.8 south side Chicago Sanitary and Ship Canal 300 feet west of A T and SF Railway bridge.	LaFarge Corp. Forest View Terminal Wharf.	Receipt of bulk cement by barge.
217	124	Chicago Sanitary & Ship Canal	Mile 315.1 south bank Chicago Sanitary and Ship Canal 1000 feet east of A T and SF Railway bridge.	Chicago Block Co. Wharf.	Not used.
218	124	Chicago Sanitary & Ship Canal	Mile 315.7 north side Chicago Sanitary and Ship Canal approximately 1500 feet west of Central Avenue Bridge Stickney.	Metropolitan Water Reclamation District West-Southwest Treatment Works West Wharf.	Not used.
219	124	Chicago Sanitary & Ship Canal	Mile 315.9 south side Chicago Sanitary and Ship Canal approximately 1300 feet west of Central Avenue Bridge Forest View.	Chemical Petroleum Exchange Forest View Terminal Dock.	Receipt and shipment of asphalt by barge.
220	124	Chicago Sanitary & Ship Canal	Mile 316.7 north side Chicago Sanitary and Ship Canal approximately 2600 feet west of South Cicero Avenue Bridge Stickney	Metropolitan Water Reclamation District West-Southwest Treatment Works Barge Wharf.	Mooring municipal and government-owned floating equipment.
221	124	Chicago Sanitary & Ship Canal	Mile 316.7 south side Chicago Sanitary and Ship Canal approximately 2800 feet west of South Cicero Avenue Bridge Stickney.	Whitewater Petroleum Terminals (Sweeney Oil Co.) Wharf.	Occasional receipt of petroleum products by barge.
222	124	Chicago Sanitary & Ship Canal	Mile 316.8 north side Chicago Sanitary and Ship Canal approximately 1000 feet west of South Cicero Avenue Bridge Stickney.	Koppers Industries Stickney Terminal Wharf.	Receipt and shipment of petroleum products residual oils carbon black oil tar and orthoxylene.
223	124	Chicago Sanitary & Ship Canal	Mile 317.0 south side Chicago Sanitary and Ship Canal approximately 900 feet west of South Cicero Avenue Bridge Stickney.	Olympic Oil Wharf.	Receipt of petroleum products and ethylene glycol by barge.
224	124	Chicago Sanitary & Ship Canal	Mile 317.1 south side Chicago Sanitary and Ship Canal west of South Cicero Avenue Bridge Stickney.	Marine Oil Terminal Co. Chicago Wharf.	Occasional receipt of asphalt by barge.
225	125	Chicago Sanitary & Ship Canal	Mile 317.4 north side Chicago Sanitary and Ship Canal approximately 475 feet east of South Cicero Avenue Bridge Cicero.	Citgo Petroleum Corp. Cicero Compound Plant Wharf.	Receipt of lubricating oil by barge.
226	125	Chicago Sanitary & Ship Canal	Mile 317.5 north side Chicago Sanitary and Ship Canal approximately 1000 feet east of South Cicero Avenue Bridge Cicero.	Mobil Oil Corp. Cicero Avenue Dock.	Receipt and occasional shipment of petroleum products by barge.
227	125	Chicago Sanitary & Ship Canal	Mile 318.7 north side Chicago Sanitary and Ship Canal west of Atchison Topeka and Santa Fe Railroad Bridge Chicago.	Commonwealth Edison Co. Crawford Station Coal Wharf.	Receipt of coal by barge for plant consumption.
228	125	Chicago Sanitary & Ship Canal	Mile 318.7 south side Chicago Sanitary and Ship Canal approx. 1300 ft W of Atchison Topeka and Santa Fe Railway bridge Chicago.	Reliable Asphalt Corp. Wharf.	Receipt of sand and stone by barge.
229	125	Chicago Sanitary & Ship Canal	Mile 318.8 south side Chicago Sanitary and Ship Canal approx. 700 feet west of Atchison Topeka and Santa Fe Railway bridge Chicago.	Ameropan Oil Corp. Bell Oil Terminal Wharf.	Receipt and shipment of asphalt fuel oil and other petroleum products by barge.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
230	125	Chicago Sanitary & Ship Canal	Mile 319.5 north side Chicago Sanitary and Ship Canal between Collateral Channel entrance and Illinois Central RR Bridge Chicago.	Apex Motor Fuel Co. Wharf.	Receipt and shipment of petroleum products by barge.
231	125	Chicago Sanitary & Ship Canal	Mile 319.6 north side Chicago Sanitary and Ship Canal inner portion of east side of Collateral Channel Chicago.	City of Chicago Department of Transportation Marshall Boulevard Wharf.	Mooring city-owned floating equipment for storage and repair; occasional handling of construction materials machinery and equipment.
232	126	Chicago Sanitary & Ship Canal	Mile 319.8 south side Chicago Sanitary and Ship Canal approx. 700 feet west of South California Avenue bridge Chicago.	Material Service Corp. Yard No. 9 Wharf.	Receipt of sand gravel and stone by barge.
233	126	Chicago Sanitary & Ship Canal	Mile 320.2 south side Chicago Sanitary and Ship Canal east of South California Avenue Bridge.	Ameropan Oil Corp. 33d Street Terminal Dock.	Receipt and shipment of asphalt and fuel oil by barge.
234	126	Chicago Sanitary & Ship Canal	Mile 320.2 north side Chicago Sanitary and Ship Canal approx. 740 feet east of South California Avenue Bridge Chicago.	Metal Management Inc. Chicago Wharf.	Shipment of scrap metal by barge.
235	126	Chicago Sanitary & Ship Canal	Mile 320.6 north side Chicago Sanitary and Ship Canal approx. 200 feet east of South Western Avenue Bridge.	Domino Sugar Corp. Chicago Wharf.	Receipt of bagged and bulk sugar by barge.
236	126	Chicago Sanitary & Ship Canal	Mile 320.8 south Chicago Sanitary and Ship Canal approx. 440 ft west of South Damen Avenue Bridge.	Material Service Corp. Damen Avenue Mooring.	Mooring company-owned barges.
237	126	Chicago Sanitary & Ship Canal	Mile 321.0 south side Chicago Sanitary and Ship Canal south side of turning basin west of South Damen Avenue Bridge Chicago.	Tri-River Docks Damen Avenue Terminal Wharf.	Receipt of salt and occasional shipment of steel products by barge.
238	126	Chicago Sanitary & Ship Canal	Lockport Terminal Inc.	Cargill	
239	126	Chicago River South Branch	Mile 321.3 south side West Fork South Branch Chicago River 1200 ft E of South Damen Avenue Bridge W side of Santa Fe Slip Chicago.	Barge Terminal Trucking Damen Avenue Yard Santa Fe Slip Wharf.	Receipt of salt by barge.
240	126	Chicago River South Branch	Mile 321.4 north side West Fork South Branch Chicago River approximately 625 feet west of South Ashland Avenue Bridge Chicago.	Metal Management Inc. Wharf.	Shipment of scrap metal by barge.
241	126	Chicago River South Branch	Mile 321.8 northwest side South Branch Chicago River 400 feet W. of S. Loomis St. Bridge outer west side of Stetsons Slip Chicago.	E. A. Cox Construction Co. Wharf.	Receipt of sand stone and lightweight aggregate by barge.
242	126	Chicago River South Branch	Mile 322.1 northwest side South Branch Chicago River approx. 400 feet east of South Loomis Street Bridge Sampsons Slip Chicago.	Commonwealth Edison Co. Loomis Street Coal Storage Terminal Slip.	Mooring coal barges.
243	127	Chicago River South Branch	Mile 322.3 east side South Fork South Branch Chicago River approx. 800 feet southeast of South Archer Avenue Bridge Chicago.	Prairie Material Sales Plant No. 2 Wharf.	Receipt of sand and lightweight aggregate by barge.
244	127	Chicago River South Branch	Mile 322.5 south side South Branch Chicago River approximately 850 feet west of South Halsted Street Bridge Chicago.	Crowley Yacht Yard Wharf.	Seasonal mooring of idle excursion vessels; mooring small city-owned vessels for repair; mooring recreational craft and other types of small vessels.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
245	127	Chicago River South Branch	Mile 322.5 north side South Branch Chicago River approx. 1500 ft W of South Halsted Street Bridge west side of Masons Slip Chicago.	Commonwealth Edison Co. Fisk Station Coal Wharf.	Receipt of coal by barge for plant consumption.
246	127	Chicago River South Branch	Mile 322.7 south side South Branch Chicago River west of South Halsted Street Bridge Chicago.	World Paper Storage & Distriubution Ltd. Chicago Terminal.	Receipt of paper commodities by barge.
247	127	Chicago River South Branch	Mile 323.0 northwest side South Branch Chicago River approximately 360 feet southwest of West Cermak Road Bridge Chicago.	Ozinga Bros. Chicago Plant Wharf.	Receipt of sand and occasional receipt of stone by barge.
248	127	Chicago River South Branch	Mile 323.3 southeast side South Branch Chicago River southwest of South Canal Street Bridge Chicago.	Lawrences Fisheries Wharf.	Inc.'
249	128	Chicago River South Branch	Mile 325.3 west side South Branch Chicago River between Washington Boulevard and Madison Street Bridges Chicago.	Riverside Plaza Building Wharf.	Landing for passenger commuter vessels operating to Michigan Avenue Wharf (Ref. No. 7).
250	128	Chicago River Main Branch	Mile 325.7 south side Main Branch Chicago River west of Franklin-Orleans Streets Bridge Chicago.	City of Chicago Wacker Drive Fireboat Wharf.	Mooring city fireboat.
251	128	Chicago River Main Branch	Mile 325.8 south side Main Branch Chicago River between Wells and Franklin-Orleans Streets Bridges Chicago.	Wagner Charter Co. Wharf.	Landing and mooring for charter passenger and excursion vessels.
252	131	Chicago River Main Branch	Mile 326.1 south side Main Branch Chicago River from east of Wabash Avenue Bridge to 200 feet west of State Street Bridge Chicago.	Aquario Charter Service Wacker Drive Excursion Vessels Wharves.	Landing and mooring excursion vessels.
253	131	Chicago River Main Branch	Mile 326.2 north side Main Branch Chicago River east of Wabash Avenue Bridge Chicago.	Chicago Sun-Times Wharf.	Mooring company-owned excursion/commuter vessel; transient mooring of miscellaneous vessels.
254	131	Chicago River Main Branch	Mile 326.3 south side Main Branch Chicago River west of Michigan Avenue Bridge Chicago.	Mercury Sightseeing Boats and North Star Cruise Line Wharves.	Landing and mooring for charter passenger and excursion vessels.
255	131	Chicago River Main Branch	Mile 326.3 north side Main Branch Chicago River west of Michigan Avenue Bridge east and west of Wrigley Building Chicago.	Wendella Sightseeing Boats Wharf.	Landing and mooring for excursion/commuter vessels.
256	131	Chicago Harbor Outer Basin	West side Outer Basin Chicago Harbor approximately 0.3 mile north of Chicago Lock Chicago.	City of Chicago Jardine Water Purification Plant Mooring.	Mooring fireboat and city-owned equipment.
257	131	Chicago River Entrance Channel	Mile 327.0 north side Chicago River Entrance Channel north side of inner portion of Ogden Slip west of Lake Shore Drive bridge Chicago.	North Pier Chicago Ogden Slip Excursion Vessel Moorings.	Landing and mooring for charter passenger and excursion vessels.
258	131	Chicago River Entrance Channel	Mile 327.0 south side Chicago River Entrance Channel at northeast corner of Inner Basin west of Chicago Lock Chicago.	City of Chicago Police Marine Unit Pier.	Mooring police boats.
259	131	Chicago River Entrance Channel	Mile 327.0 north side Chicago River Entrance Channel east of Chicago River mouth east and north side of Ogden Slip Chicago.	Metropolitan Pier and Exposition Authority of Chicago Ogden Slip Wharves.	Landing and mooring for charter passenger and excursion vessels.
260	131	Chicago Harbor Outer Basin	West side Outer Basin Chicago Harbor approximately 850 feet north of Chicago Lock at foot of East Grand Avenue Chicago.	Metropolitan Pier and Exposition Authority of Chicago Navy Pier.	Landing and mooring for harbor excursion and sightseeing boats and transient mooring for miscellaneous vessels.
261	131	Chicago River Entrance Channel	Mile 327.1 north side Chicago River Entrance Channel south side of North Pier west of Chicago Lock Chicago.	U.S. Army Corps of Engineers North Pier Mooring.	Mooring government-owned equipment.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
262	128	Chicago River North Branch	Mile 325.8 west side North Branch Chicago River south of Grand Avenue Bridge Chicago.	City of Chicago Department of Transportation West Grand Avenue Wharf.	Mooring miscellaneous city-owned floating equipment; handling construction materials and equipment.
263	128	Chicago River North Branch	Mile 326.3 west side North Branch Chicago River south of Chicago Avenue Bridge Chicago.	Chicago Tribune Wharf.	Not used.
264	128	Chicago River North Branch	Mile 326.7 west side North Branch Chicago River north of North Halsted Street Bridge Chicago.	Material Service Corp. Yard No. 1 Wharf.	Receipt of sand stone and lightweight aggregate by barge.
265	128	Chicago River North Branch	Mile 326.8 east side North Branch Chicago River on west side of Goose Island 600 feet west of North Halsted Street Bridge Chicago.	Akzo Salt Inc. Chicago Wharf.	Receipt of bulk salt by barge.
266	128	Chicago River North Branch	Mile 327.0 east side North Branch Chicago River on west side of Goose Island 1300 ft south of West Division Street Bridge Chicago.	Holnam Chicago Metro Wharf.	Receipt of bulk cement by barge.
267	128	Chicago River North Branch	Mile 327.1 east side North Branch Chicago River on west side of Goose Island 800 feet south of West Division Street Bridge Chicago.	Barge Terminal Trucking Vulcan Materials Yard Wharf.	Receipt of salt by barge.
268	128	Chicago River North Branch	Mile 327.2 west side North Branch Chicago River south of West Division Street Bridge Chicago.	AAA Boatyard Wharf.	Mooring small craft for storage and repair.
269	128	Chicago River North Branch	Mile 327.5 east side North Branch Chicago River on west side of Goose Island 800 feet north of West Division Street Bridge Chicago.	National By-Products Wharf.	Not used for waterborne commerce.
270	128	Chicago River North Branch	Mile 327.5 west side North Branch Chicago River approximately 1000 feet north of West Division Street Bridge Chicago.	Morton Salt Elston Avenue Wharf.	Receipt of salt by self-unloading vessels and barges.
271	128	Chicago River North Branch	Mile 327.6 west side North Branch Chicago River approximately 1500 feet north of West Division Street Bridge Chicago.	General Iron Industries Inc. Wharf.	Shipment of scrap metal by barge.
272	128	Chicago River North Branch	Mile 327.9 west side North Branch Chicago River north of West North Avenue Bridge.	The Procter & Gamble Co. Chicago Wharf.	Not used.
273	129	Chicago River North Branch	Mile 328.5 west side North Branch Chicago River south of West Cortland Avenue Bridge Chicago.	Metal Management Inc. Wharf.	Shipment of scrap metal by barge.
274	129	Chicago River North Branch	Mile 328.6 west side North Branch Chicago River north of West Cortland Avenue Bridge Chicago.	LTS Enterprises Wharf.	Receipt of fish; mooring fishing boats.
275	129	Chicago River North Branch	Mile 329.2 east side North Branch Chicago River between Chicago and North Western Transportation Co. and West Fullerton Ave. Bridges.	Orange Crush Recycle Wharf.	Receipt of sand and crushed stone by barge.
276	129	Chicago River North Branch	Mile 330.7 east side North Branch Chicago River south of West Belmont Avenue Bridge Chicago.	Material Service Corp. Yard No.3 Wharf.	Receipt of sand lightweight aggregate and stone by barge.
277	130	Chicago River North Branch	Mile 331.0 west side North Branch Chicago River approximately 550 feet northwest of West Belmont Avenue Bridge Chicago.	Henry C. Grebe Shipyard Main Wharf.	Mooring excursion and other small vessels for outfitting and repair.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
278	130	Chicago River North Branch	Mile 331.1 west side North Branch Chicago River approximately 1400 feet northwest of West Belmont Avenue Bridge Chicago.	Henry C. Grebe Shipyard Upper Wharf.	Mooring excursion and other small vessels for outfitting and repair.
279	136	Calumet-Sag Channel	Mile 315.8 north side Calumet-Sag Channel between Pulaski Road (Crawford Avenue) & Tri-State Tollway (I 294) bridges Alsip.	First Brands Corporation Chicago Dock	Receipt of ethlene glycol by barge.
280	136	Calumet-Sag Channel	Mile 316.5 north side Calumet-Sag Channel approximately 0.4 mile west of South Kedzie Avenue Bridge Alsip.	Martin Oil Marketing Chicago Wharf.	Receipt and occasional shipment of petroleum products by barge.
281	136	Calumet-Sag Channel	Mile 316.8 north side Calumet-Sag Channel west of South Kedzie Avenue Bridge Blue Island.	Clark Refining and Marketing Inc. Blue Island Wharf.	Receipt and shipment of petroleum products receipt of asphalt and occasional shipment of crude oil all by barge.
282	136	Calumet-Sag Channel	Mile 317.0 north side Calumet-Sag Channel east of South Kedzie Avenue Bridge Blue Island.	Ozinga Bros. Kedzie Avenue Reload Yard Wharf.	Receipt of sand by barge.
283	137	Calumet-Sag Channel	Mile 319.1 north side Calumet-Sag Channel east of South Ashland Avenue Bridge Calumet Park.	Metropolitan Water Reclamation District Wharf.	Not used.
284	138	Little Calumet River	Mile 322.3 south bank Little Calumet River between Indiana Avenue and Illinois Central Railroad Bridges Riverdale.	PM Ag Products Riverdale Terminal Dock.	Receipt of molasses.
285	139	Little Calumet River	Mile 324.9 south bank Little Calumet River approximately 1100 feet east of Calumet Expressway (I 94) Bridge Calumet City.	Fina Oil and Chemical Co. Calumet City Wharf.	Not used.
286	139	Little Calumet River	Mile 324.2 south bank Little Calumet River northwest sideof Dolton Marina Basin 0.4 mile west of Calumet Expressway Bridge Dolton	Jack Gray Transport Inc. Wharf.	Occasional receipt of steel products and dry bulk commodities including pig iron slag stone and coke; occasional shipment of coke.
287	139	Calumet River	Mile 327.1 west side Calumet River on west side of Turning Basin No. 5 north of 130th Street Bridge Chicago.	Scrap Corp. of America Butler Dock.	Receipt and shipment of scrap metal by barge.
288	139	Calumet River	Mile 327.1 east bank Calumet River on east side of Turning Basin No. 5 approximately 500 feet north of 130th Street Bridge Chicago.	Lafarge Corp. Chicago Terminal	Receipt of cement by vessel.
289	139	Calumet River	Mile 327.3 east bank Calumet River approximately 1600 feet south of Norfolk Southern Railway Bridge Chicago.	Marsulex Chicago Customer Service Center Wharf.	Not used.
290	139	Calumet River	Mile 327.5 east bank Calumet River approximately 1000 feet south of Norfolk Southern Railway bridge Chicago.	S.E.E. Terminal Wharf.	Receipt of liquid fertilizer and molasses by barge.
291	139	Calumet River	Mile 327.6 east bank Calumet River south of Norfolk Southern Railway bridge Chicago.	Marathon Pipe Line Co. Calumet River Wharf.	Not used.
292	141	Calumet River	Mile 328.3 east bank Calumet River approximately 1000 feet north of Chicago and Western Indiana Railroad bridge Chicago.	Arrow Terminals Chicago Wharf.	Receipt of conventional general cargo including steel products aluminum ingots and lumber and of general dry bulk commodities including alloys pig iron fertilizer and salt all by barge.
293	141	Calumet River	Mile 328.5 west bank Calumet River approximately 0.4 mile north of Chicago and Western Indiana Railroad Bridge Chicago.	Cargill Chicago Salt Wharf.	Receipt of salt and potash by barge

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
294	141	Calumet River	Mile 328.5 east bank Calumet River approximately 0.4 mile north of Chicago and Western Indiana Railroad Bridge Chicago.	PVS Chemicals Calumet Dock.	Not used.
295	141	Calumet River	Mile 328.7 west bank Calumet River opposite Calumet River Turning Basin No. 3 Chicago.	Cargill Chicago Grain Wharf.	Shipment of grain; occasional receipt of grain by barge.
296	141	Calumet River	Mile 329.0 west bank Calumet River approximately 1.0 mile south of Acme Steel Co. conveyor and pipeline bridge Chicago.	Cargill Chicago Mooring Wharf.	Transient mooring of barges.
297	141	Calumet River	Mile 329.2 east bank Calumet River approximately 0.4 mile north of Turning Basin No. 3 Chicago.	Ohio River Co. Chicago Mooring.	Mooring barges.
298	141	Calumet River	Mile 329.3 west bank Calumet River approximately 0.7 mile south of Acme Steel Co. conveyor and pipeline bridge Chicago.	Continental Grain Co. Elevator B Calumet River Wharf.	Receipt and shipment of grain.
299	141	Calumet River	Mile 329.7 east bank Calumet River approximately 300 feet south of Acme Steel Co. Inc. conveyor and pipeline bridge Chicago.	LTV Steel Co. Chicago Plant Wharf.	Receipt of coking coal by barge and occasionally by self-unloading vessel.
300	141	Calumet River	Mile 329.5 west bank Calumet River approximately 2100 feet south of Acme Steel Co. conveyor and pipeline bridge Chicago.	Horsehead Resource Development Co. Chicago Wharf.	Shipment of iron-rich slag by barge.
301	141	Calumet River	Mile 329.9 west bank Calumet River on south side of Semet Solvay Slip and at Acme Steel Co. conveyor and pipeline bridge Chicago.	Heckett Multiserv Plant 45 Wharf and Semet Solvay Slip Mooring.	Occasional shipment of slag by vessel; mooring barges for fleeting.
302	141	Calumet River	Mile 330.1 west bank Calumet River Wisconsin Slip approx. 0.2 mile north of Acme Steel Co. conveyor and pipeline bridge Chicago.	Wisconsin Steel Trust Wisconsin Slip.	Not used.
303	141	Calumet River	Mile 330.1 east bank Calumet River opposite entrances to Semet Solvay and Wisconsin Slips Chicago.	Acme Steel Co. Furnace Plant South Wharf.	Receipt of iron ore pellets scrap iron and limestone.
304	141	Calumet River	Mile 330.3 east bank Calumet River approximately 1700 feet south of East 106th Street Bridge Chicago.	Acme Steel Co. Furnace Plant North Wharf.	Receipt of iron ore pellet scrap iron and limestone by self-unloading vessels.
305	141	Calumet River	Mile 330.7 east bank Calumet River south of East 106th Street Bridge Chicago.	Specialty Steel Products Wharf.	Receipt of salt by barge and self-unloading vessel.
306	141	Calumet River	Mile 330.6 east bank Calumet River approximately 800 feet south of East 106th Street Bridge Chicago.	Kindra Marine Terminal Inc. Wharf.	Receipt and occasional shipment of steel by barge; mooring barges for cleaning minor repairs and fleeting.
307	142	Calumet River	Mile 330.9 west bank Calumet River outer portion of south side of Slip No. 4 and river side north of East 106th Street Bridge Chicago.	George J. Beemsterboer Slag and Ballast Wharves.	Receipt and shipment of miscellaneous dry bulk commodities including bauxite; receipt of coal; shipment of coke and occasionally petroleum coke; mooring barges for cleaning and minor repairs.
308	142	Calumet River	Mile 330.9 east bank Calumet River north of East 106th Street Bridge Chicago.	Marblehead Lime Co. South Wharf.	Receipt of limestone by self-unloading vessels; receipt of coal by barge.
309	142	Calumet River	Mile 331.0 west bank Calumet River head and inner portion of south side of Slip No. 4 Chicago.	Beelman River Terminals Inc. Wharf.	Mooring grain barges and mooring barges for fleeting.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
310	142	Calumet River	Mile 331.0 west bank Calumet River 1200 feet north of East 106th Street Bridge and outer portion north side of Slip No. 4 Chicago.	Holly Marine Towing 104th Street Slip Mooring.	Mooring tugboats towboats and floating equipment; mooring barges for fleeting and minor repairs.
311	142	Calumet River	Mile 331.0 west bank Calumet River inner portion of north side of Slip No. 4 Chicago.	General Mills Rialto Grain Elevator Wharf.	Receipt and shipment of grain; mooring barges for fleeting.
312	142	Calumet River	Mile 331.1 west bank Calumet River on north side of Slip No. 3 approximately 1700 feet north of East 106th Street Bridge Chicago.	Steelmet Slip No. 3 Wharf.	Receipt and occasional shipment of miscellaneous dry bulk commodities by barge including scrap metal; occasional shipment of stone by barge.
313	142	Calumet River	Mile 331.1 east bank Calumet River approximately 1100 feet north of East 106th Street Bridge Chicago.	Marblehead Lime Co. North Wharf.	Receipt of limestone by self-unloading vessels and shipment of lime products by barge.
314	142	Calumet River	Mile 331.1 west bank Calumet River on south side of Slip No. 3 approximately 1600 feet north of East 106th Street Bridge Chicago.	Beelman River Terminals Inc. Wharf.	Mooring company-owned barges; mooring barges for cleaning and minor repairs.
315	142	Calumet River	Mile 331.3 west bank Calumet River between south side of East 100th Street Bridge and entrance to Slip No. 2 Chicago.	KCBX Terminals Co. Loading Wharf.	Shipment of miscellaneous dry bulk commodities including coal petroleum coke bauxite fertilizer and bentonite clay.
316	142	Calumet River	Mile 331.3 east bank Calumet River approximately 1400 feet south of East 100th Street Bridge Chicago.	S.H. Bell Co. Chicago Terminal Barge Wharves.	Receipt and occasional shipment of semi-finished steel products and ferroalloys pig iron fluorspar fertilizer and bulk refractory materials including aluminum compounds and chrome ores all by barge
317	142	Calumet River	Mile 331.3 west bank Calumet River Slip No. 2 Chicago.	KCBX Terminals Co. Barge Unloading Slip.	Receipt of miscellaneous dry bulk commodities by barge including coal petroleum coke and bauxite; mooring Co.-owned towboat; and mooring barges.
318	142	Calumet River	Mile 331.4 east bank Calumet River approximately 1000 feet south of East 100th Street Bridge south side of slip Chicago.	S.H. Bell Co. Chicago Terminal North Slip.	Receipt of semi-finished steel products and miscellaneous dry bulk commodities by barge; mooring barges for fleeting.
319	142	Calumet River	Mile 331.4 east bank Calumet River approximately 1300 feet south of East 100th Street Bridge Chicago.	S.H. Bell Co. Chicago Terminal South Slip.	Receipt and shipment of semi-finished steel products and miscellaneous dry bulk commodities by barge; mooring barges for fleeting.
320	142	Calumet River	Mile 331.5 east bank Calumet River north side of slip and river side south of East 100th Street Bridge Chicago.	Morton Salt Calumet River Wharf.	Receipt of salt by self-unloading vessels; transient mooring of barges.
321	142	Calumet River	Mile 331.9 east bank Calumet River north of Chicago Skyway Bridge Chicago.	Kindra Lake Towing Slip.	Mooring company-owned barges towboat and tugboats; mooring barges for fleeting.
322	142	Calumet River	Mile 332.0 west bank Calumet River between Consolidated Rail Corp. and Chicago Skyway Bridges Chicago.	Metal Management Inc. Calumet River Wharf.	Receipt and occasional shipment of steel and miscellaneous dry bulk commodities by barge including salt and sand; mooring barges and small vessels for repair; mooring company-owned equipment.

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
323	142	Calumet River	Mile 332.2 west bank Calumet River south of 95th Street Bridge Chicago.	Holnam Calumet River Wharf.	Receipt of bulk cement by barge.
324	142	Calumet River	Mile 332.2 east bank Calumet River between CSX Rail Transport and East 95th Street bridges Chicago.	Federal Marine Terminals South Wharf.	Receipt and shipment of conventional and containerized general cargo steel products automobiles and miscellaneous dry bulk commodities in foreign and domestic trade.
325	142	Calumet River	Mile 332.3 east bank Calumet River river side north of East 95th Street Bridge and south side of Turning Basin No. 1 Chicago.	Federal Marine Terminals North Wharves.	Receipt and shipment of conventional and containerized general cargo steel products automobiles and miscellaneous dry bulk commodities in foreign and domestic trade.
326	142	Calumet River	Mile 332.3 west bank Calumet Rive river side north of 95th Street Bridge and south side of Howard Slip Chicago.	K Terminal Co. Calumet River Wharf.	Mooring barges for cleaning.
327	142	Calumet River	Mile 332.4 east bank Calumet River south portion of east side of Turning Basin No. 1. Chicago.	Great Lakes Towing Co. Calumet River Dock.	Mooring company-owned tugboats and other floating equipment.
328	142	Calumet River	Mile 332.5 west bank Calumet River south of 92d Street Bridge and north and south of Rock Island Slip Chicago.	North American Salt Co. Chicago Plant Wharf.	Receipt of salt by barge and self-unloading vessels.
329	142	Calumet River	Mile 332.5 east bank Calumet River north portion of Turning Basin No. 1 and river side south of East 92d Street Bridge Chicago.	General Marine Towing Ewing Avenue Yard Wharves.	Mooring company-owned tugboats and floating equipment; occasional mooring of small vessels and barges for repair; mooring barges for cleaning and fleeting.
330	142	Calumet River	Mile 332.6 west bank Calumet River north of 92d Street Bridge Chicago.	City of Chicago Ewing Avenue Dock.	Occasional mooring of police boats fireboats and city tugs.
331	142	Calumet River	Mile 332.7 east bank Calumet River between East 92d Street and Elgin Joliet and Eastern Railway bridges Chicago.	Metal Management Inc. Scrap Processing Wharf.	Receipt and shipment of scrap metal by barge.
332	142	Lake Calumet Entrance Channel	Mile 327.4 south side Lake Calumet Entrance Channel west of Calumet River Turning Basin No. 5 Chicago.	Scrap Corp. of America Pennsylvania Dock.	Receipt and shipment of scrap metal by barge.
333	140	Lake Calumet Entrance Channel	Mile 327.5 south side Lake Calumet Entrance Channel approximately 1300 feet west of Calumet River Turning Basin No. 5 Chicago.	Illinois Intl Port District Lake Calumet Harbor Shed No. 3 Wharf.	Receipt and shipment of conventional general cargo
334	140	Lake Calumet Entrance Channel	Mile 327.6 north side Lake Calumet Entrance Channel approximately 1000 feet west of Calumet River Turning Basin No. 5 Chicago.	Ceres Lake Calumet Harbor North Terminal Wharf.	Receipt and shipment of steel products; receipt of miscellaneous dry bulk commodities including ores and lime.
335	140	Lake Calumet Entrance Channel	Mile 327.7 south side Lake Calumet Entrance Channel approximately 0.4 mile west of Calumet River Turning Basin No. 5 Chicago.	Illinois Intl Port District Lake Calumet Harbor Shed No. 2 Wharf.	Occasional receipt of non-ferrous metal ingots by vessel; transient mooring of barges; mooring vessels during closed navigation season.
336	140	Lake Calumet Entrance Channel	Mile 327.9 south side Lake Calumet Entrance Channel and Lake Calumet 0.6 mile west of Calumet River Turning Basin No. 5 Chicago.	Illinois Intl Port District Lake Calumet Harbor Shed No. 1 Wharf.	Receipt and shipment of steel and scrap metal; receipt of raw sugar by barge; mooring vessels during closed navigation season.
337	140	Lake Calumet	Mile 327.5 left bank Lake Calumet	Mississippi Lime Co. Wharf.	

NUMBER	CHART#	WATERWAY	LOCATION	BARGE FACILITY NAME	TYPE OF SERVICE
338	140	Lake Calumet	Mile 327.9 east side Lake Calumet at inner end of Entrance Channel 0.6 mile west of Calumet River Turning Basin No. 5 Chicago.	Stolt Nielson Inc. Chicago Terminal Docks A and B Wharves.	Receipt and shipment of bulk liquids including petroleum products chemicals petrochemicals animal fats and vegetable oils.
339	140	Lake Calumet	Mile 328.2 west side Lake Calumet on south side of Slip No. 1 approx. 0.9 mile west of Calumet River Turning Basin No. 5 Chicago.	Illinois Intl Port District Lake Calumet Harbor Wharf.	Receipt and shipment of grain.
340	149	Lake Calumet	Mile 328.2 west side Lake Calumet between Slips Nos. 1 and 3 and south side of Slip No. 3 Chicago.	Reserve Iron & Metal Lake Calumet Harbor Wharf.	Receipt and shipment of iron and steel scrap.
341	140	Lake Calumet	Mile 328.4 west side Lake Calumet on north side of Slip No. 3 Chicago.	Medusa Cement Co. Chicago Distribution Terminal Dock.	Receipt of bulk cement by self-unloading vessels.
342	140	Lake Calumet	Mile 328.6 east side Lake Calumet Slip No. 2 Chicago.	EmEsCo Marine Terminal Lake Calumet Slip.	North side: receipt and shipment of conventional general cargo and dry bulk commodities; south side: receipt of dry bulk commodities by self-unloading vessels.
343	142	Outer Calumet Harbor	Outer Calumet Harbor approximately 300 feet southwest of Calumet River Entrance Channel Chicago.	U.S. Army Corps of Engineers Calumet Harbor Dock.	Mooring vessels.
344	142	Outer Calumet Harbor	Outer Calumet Harbor south side of Calumet Park approximately 6000 feet south of Calumet River entrance channel Chicago.	U.S. Coast Guard Station Calumet Harbor Boat Basin.	Mooring U.S. Coast Guard vessels.
345	142	Outer Calumet Harbor	Outer harbor north side of North Slip at shore end of north breakwater 2600 ft north of Calumet River entrance channel Chicago	General Marine Towing USX South Works North Slip Fleet North Mooring.	Mooring barges for fleeting.
346	142	Outer Calumet Harbor	Outer harbor south side of North Slip approximately 2400 feet north of Calumet Harbor entrance channel Chicago.	General Marine Towing USX South Works North Slip Fleet South Mooring.	Mooring barges for fleeting.
347	142	Calumet River Entrance Channel	Mile 333.0 east bank Calumet River entrance channel between Elgin Joliet and Eastern Railway bridge and Lake Michigan Chicago.	Illinois Intl Port District Iroquois Landing Wharf.	Receipt and shipment of conventional and containerized general cargo steel products structural steel heavy lift items and vehicles in foreign trade.
348	142	Calumet River Entrance Channel	Mile 333.3 west bank Calumet River entrance channel northwest side at Lake Michigan Chicago.	U.S. Army Corps of Engineers Calumet Harbor Stone Dock.	Not used.
349	142	Calumet River Entrance Channel	Mile 332.9 west bank Calumet River entrance channel approx. 750 feet northeast of Elgin Joliet and Eastern Railway bridge Chicago.	General Marine Towing USX South Works South Slip Fleet Mooring.	Mooring barges for fleeting.
350	142	Calumet River Entrance Channel	Mile 332.8 west bank Calumet River entrance channel approx 400 feet northeast of Elgin Joliet and Eastern Railway bridge Chicago.	U.S. Army Corps of Engineers Calumet Harbor Suboffice Dock.	Mooring small boats.

RIVER MILE	CHART #	TYPE	COMPANY	VERTICAL CLEARANCE BELOW POOL STAGE (ft)
1.3	1	Water	City of Grafton	17.26
3.0	2	Fer	Herman H. Pohlman	5.24
3.5	2	Communications	Illini State Telephone Co.	20.54
3.5	2	Communications	Fieldon Telephone Co.	25.54
3.6	2	Ferry	Div. of Waterways	19.29
8.8	4	Communications	American Tel & Telephone	23.44
21.6	9	Electrical	Central IL Public Service	15.98
31.6	13	Gas Pipeline	Central IL Public Service	20.25
32.1	13	Ferry	Div. of Waterways	15.98
32.1	13	Ferry	Div. of Waterways	15.98
43.0	17	Gas Pipeline	Central IL Public Service	20.40
43.1	17	Ferry	A.T. Nelson	15.98
43.2	17	Communications	Western Union Telephone Co	25.00
43.4	17	Electrical	Central IL Public Service	5.48
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	24.68
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	24.68
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	24.68
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	24.68
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	24.68
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	20.80
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	18.8
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	18.4
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	18.4
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	18.4
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	18.4
49.7	20	Gas Pipeline	Panhandle E. Pipeline Co.	18.4
55.8	22	Communications	General Telephone Co.	32.00
55.8	22	Communications	General Telephone Co.	32.00
56.0	22	Electrical	Central IL Public Service	6.85
70.4	28	Oil	Texas Empire Pipeline	13.65
70.9	28	Gas Pipeline	Central IL Public Service	21.55
75.6	30	Telephone Cable	Chicago Meredosia Gun Club	6.85
88.7	35	Telephone Cable	Illinois Bell	14.00
88.7	35	Telephone Cable	Illinois Bell	14.00
117.9	46	Oil	Sinclair Pipeline	15.00
122.3	47	Gas Pipeline	Central IL Public Service Co.	22.00
122.3	47	Gas Pipeline	Central IL Public Service Co.	22.00
151.3	59	Cable		14.00
151.3	59	Gas Pipeline	CILCO	17.50
156.4	60	Gas Pipeline		18.00
157.3	61	Gas Pipeline	CILCO	17.00
160.65	62	Cable		17.00
160.7	62	Cable		19.00
160.8	62	Fiber Optics Cable	U.S. Sprint	39.00
161.73	62	Gas Pipeline	CILCO	17.00

RIVER MILE	CHART #	TYPE	COMPANY	VERTICAL CLEARANCE BELOW POOL STAGE (ft)
162.4	63	Cable		18.00
162.4	63	Cable		25.00
162.5	63	Telephone Cable	AT &T	100.00
163.0	63	Telephone Cable		60.00
166.1	64	Fiber Optics Cable	AT &T	14.00
166.08	64	Gas Pipeline	CILCO	14.00
182.3	71	20” Gas Pipeline	Amoco Oil Co.	29.00
182.3	71	12” Gas Pipeline	Amoco Oil Co.	30.00
182.3	71	16” Gas Pipeline	Amoco Oil Co.	40.00
189.2	74	Electrical Cable		26.00
213.8	84	Gas Pipeline		30.00
213.8	84	Gas Pipeline		30.00
218.3	86	Cable		17.00
224.7	88	Cable		14.00
224.7	88	4” Gas Pipeline		15.00
224.7	88	4” Gas Pipeline		15.00
224.74	88	Telephone Cable	Illinois Bell	15.00
224.75	88	Telephone Cable	Illinois Bell	15.00
224.8	88	Cable		18.20
227.6	89	8” Gas Pipeline		16.00
237.9	93	24” Pipeline		18.30
239.3	94	18” Pipeline		16.00
239.6	94	Telephone Cable	Illinois Bell	14.00
239.9	94	Water Main		15.00
240.0	94	14” Water Main		N/A
241.3	94	Submarine Pipeline		14.30
241.4	94	Submarine Pipeline		14.30
244.0	95			19.00
263.49	103	Conduit	Illinois Bell	15.00
265.5	104			14.00
269.4	106	Discharge Pipe		12.00
269.4	106	Discharge Pipe		12.00
269.41	106	Telephone Cable	AT &T	16.00
270.47	106	Natural Gas Pipeline		16.58
276.1	108	Submarine Pipeline		14.00
280.5	110	High Pressure Pipe	Peoples Gas & Light Coke Co	32.00
280.9	110	Telephone Cable	AT &T	25.00
309.3	121		Shell Oil	26.50
309.4	121		Shell Oil	26.50
313.6	123	Watermain		27.00

Revised March 1999
Ref.: Navigation Notice IW99-04

APPENDIX B

SUBMERGED CROSSING CLEARANCES

A SPECIAL NOTE TO RECREATION BOATERS

Boating on the Illinois Waterway presents special hazards. Here area few reminders:

- There are restricted areas above and below each dam. Stay away from these restricted areas to avoid getting caught in dangerous currents.
- Stay clear of barges and towboats. If you cannot see the front of the pilothouse, the pilot of the towboat cannot see you.
- Not all hazards outside of the navigation channel are shown on this chart. Stay in the marked channel to avoid all known hazards.
- Learn proper locking procedures

Please remember to:

Wear your lifejacket
Show courtesy to other boaters
Don’t drink and boat
Hypothermia can kill
Attend a safe boating class. For information, call 815-667-4054