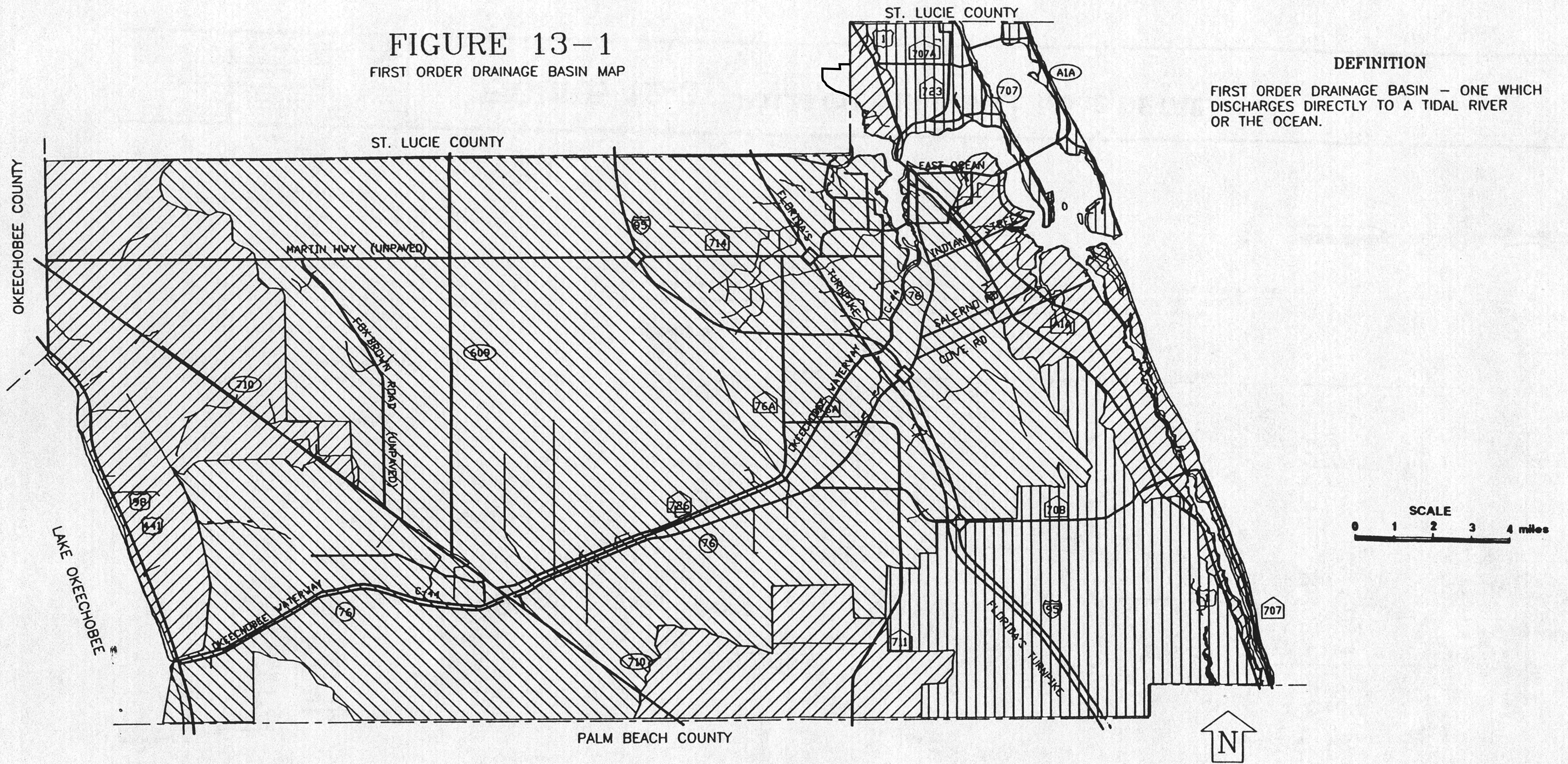


FIGURE 13-1

FIRST ORDER DRAINAGE BASIN MAP



DEFINITION
FIRST ORDER DRAINAGE BASIN - ONE WHICH DISCHARGES DIRECTLY TO A TIDAL RIVER OR THE OCEAN.

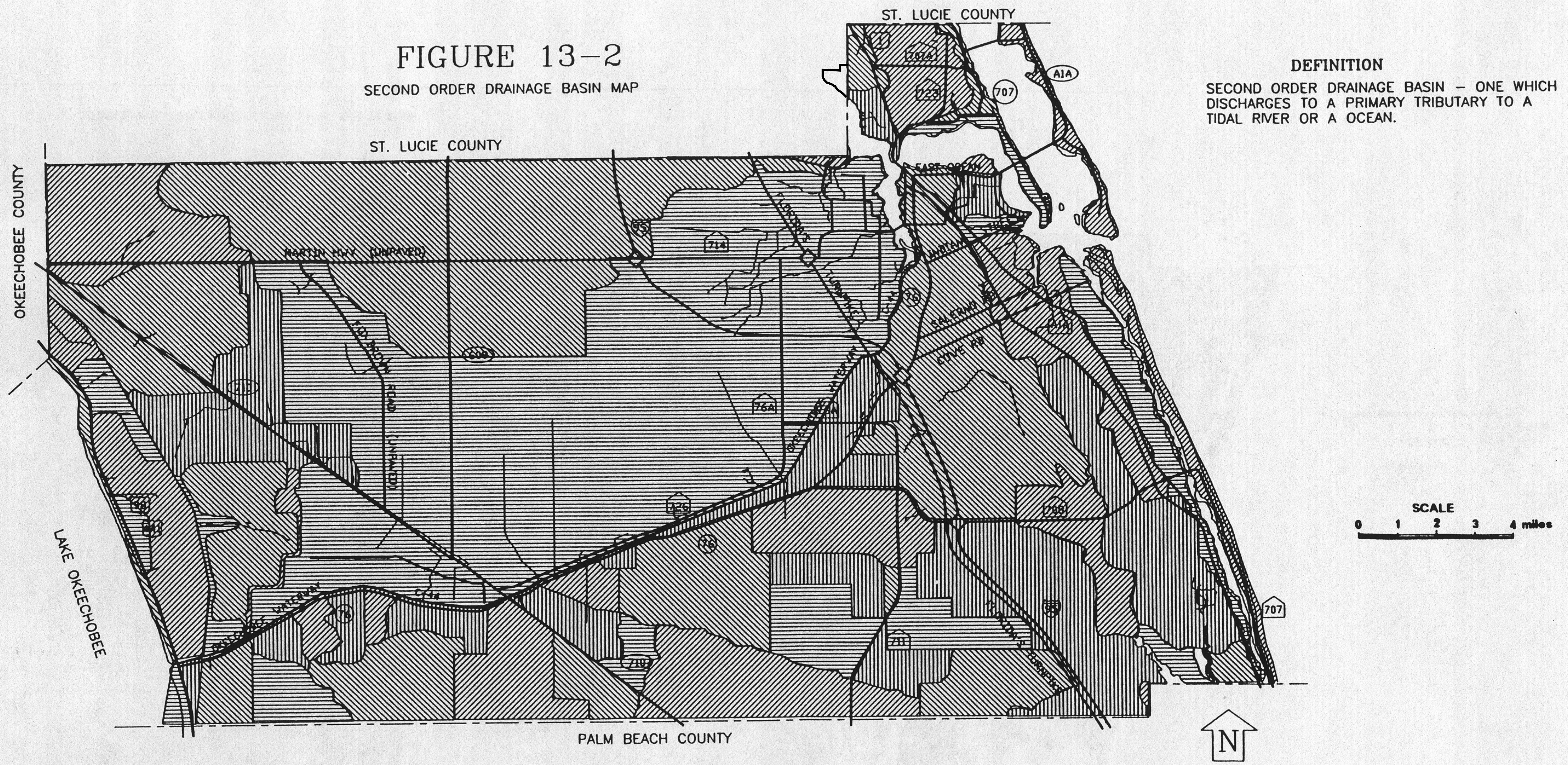
SCALE
0 1 2 3 4 miles



SOURCE: MARTIN COUNTY ENGINEERING DEPT., 1989

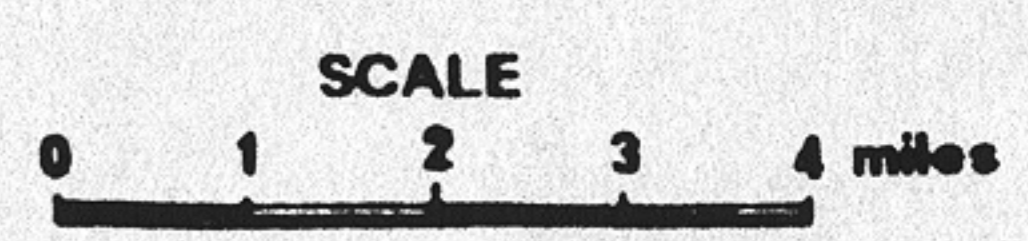
FIGURE 13-2

SECOND ORDER DRAINAGE BASIN MAP



DEFINITION

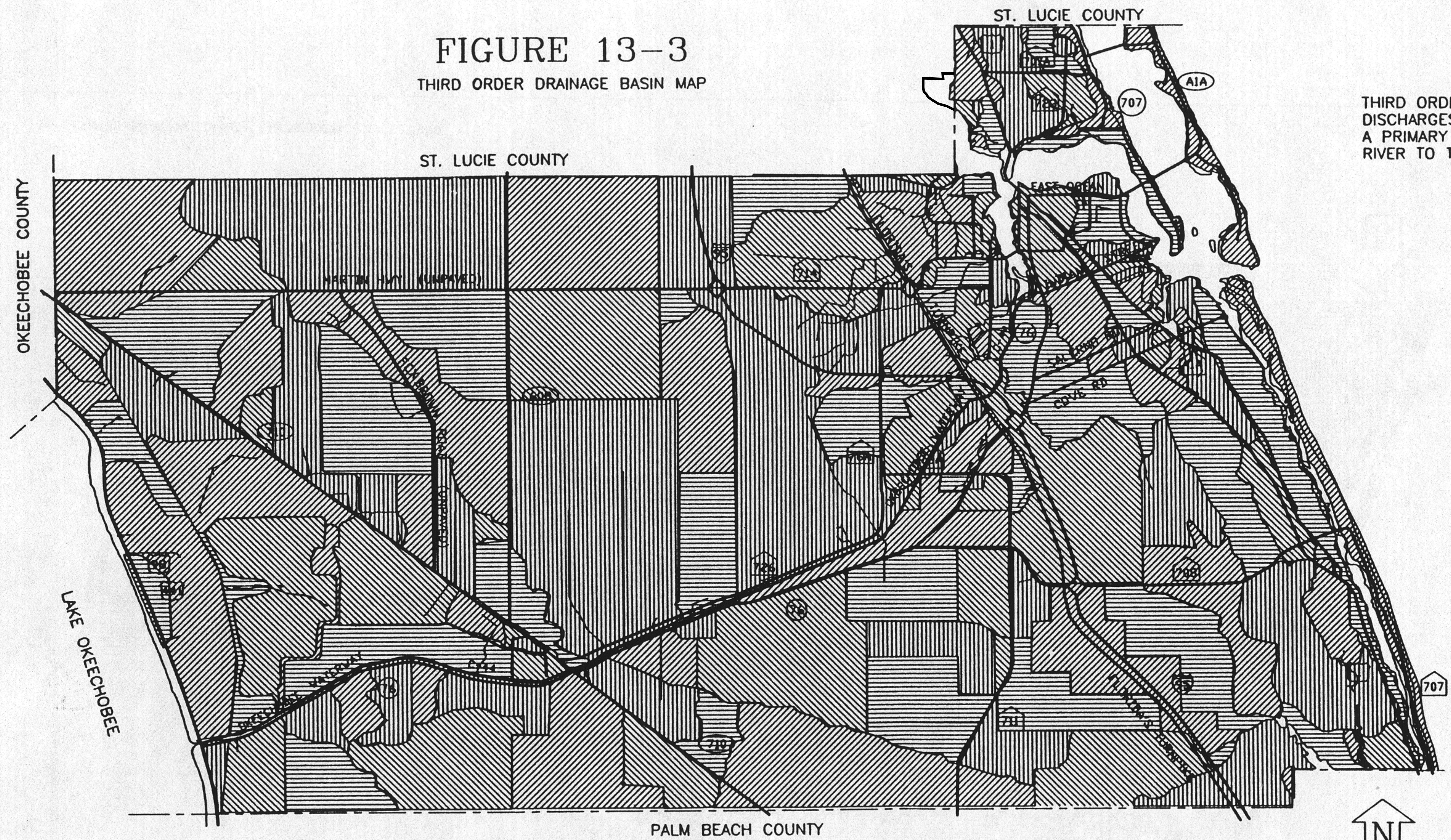
SECOND ORDER DRAINAGE BASIN - ONE WHICH DISCHARGES TO A PRIMARY TRIBUTARY TO A TIDAL RIVER OR A OCEAN.



SOURCE: MARTIN COUNTY ENGINEERING DEPT., 1989

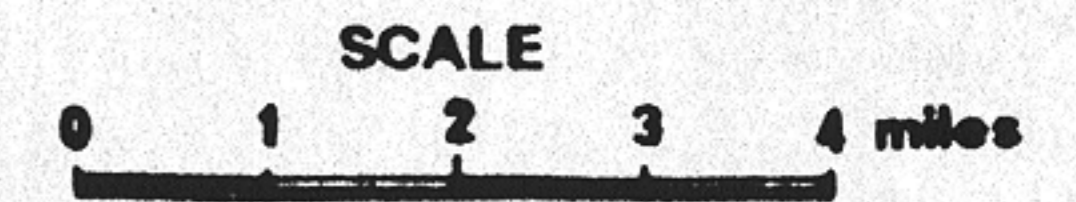
FIGURE 13-3

THIRD ORDER DRAINAGE BASIN MAP



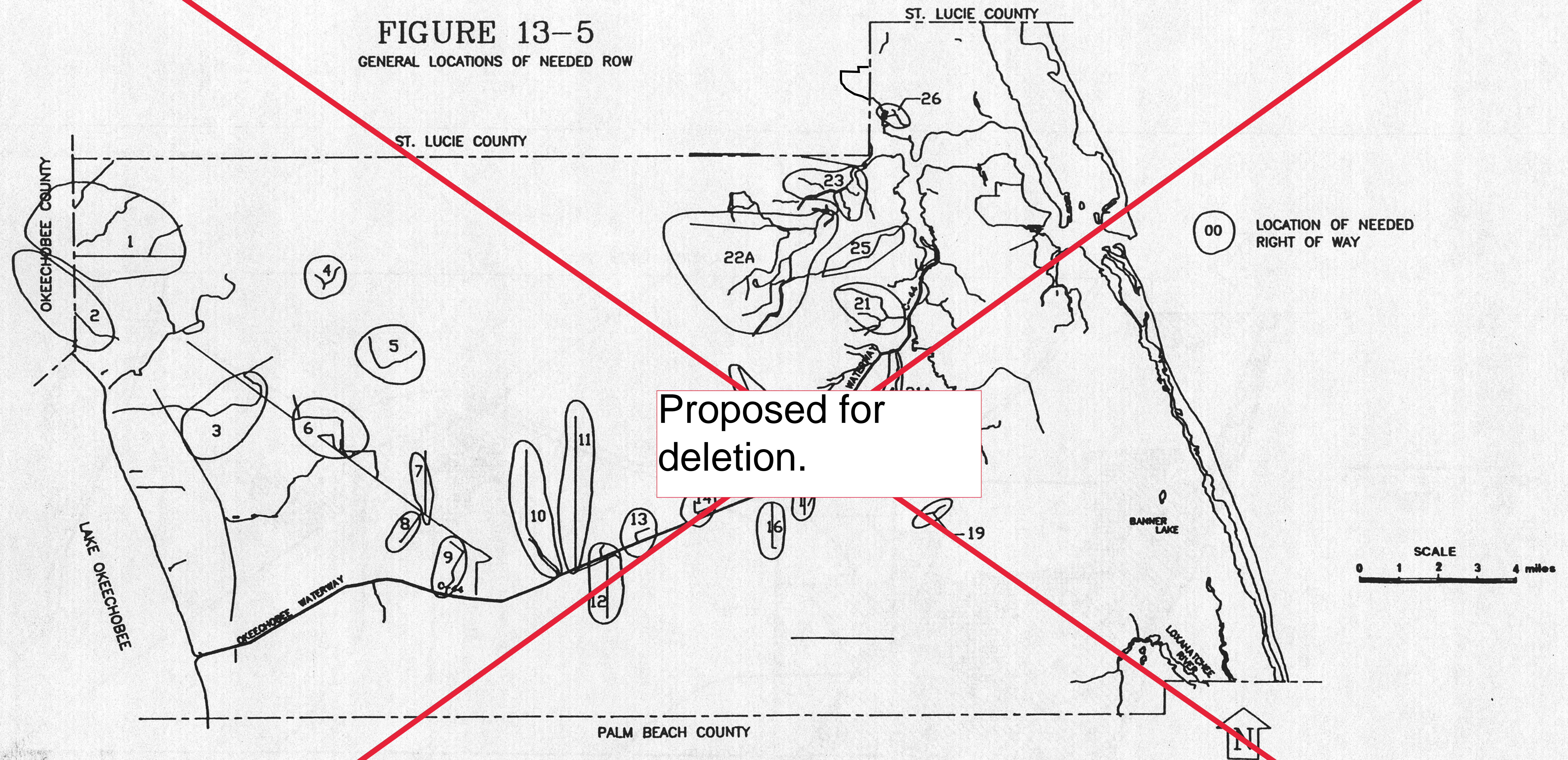
DEFINITION

THIRD ORDER DRAINAGE BASIN - ONE WHICH DISCHARGES TO A MAN-MADE TRIBUTARY TO A PRIMARY TRIBUTARY AND THEN TO A TIDAL RIVER TO THE OCEAN.



SOURCE: MARTIN COUNTY ENGINEERING DEPT., 1989

FIGURE 13-5
GENERAL LOCATIONS OF NEEDED ROW



Proposed for
deletion.

SOURCE: MARTIN COUNTY ENGINEERING DEPT., 1989

FIGURE 13-6

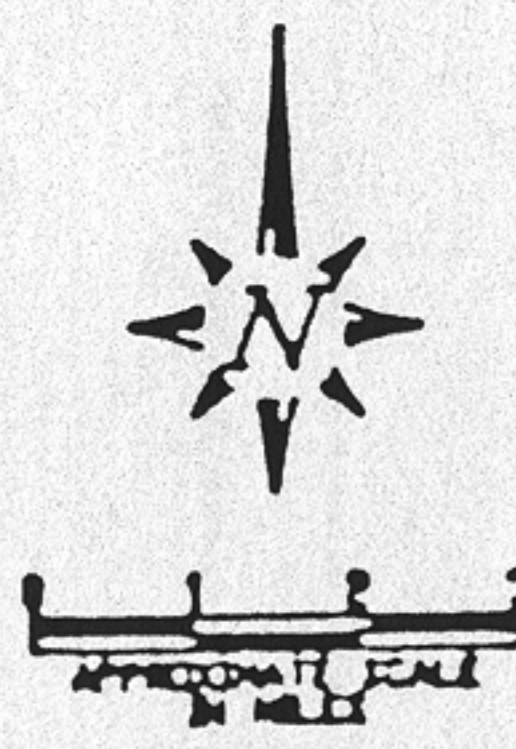
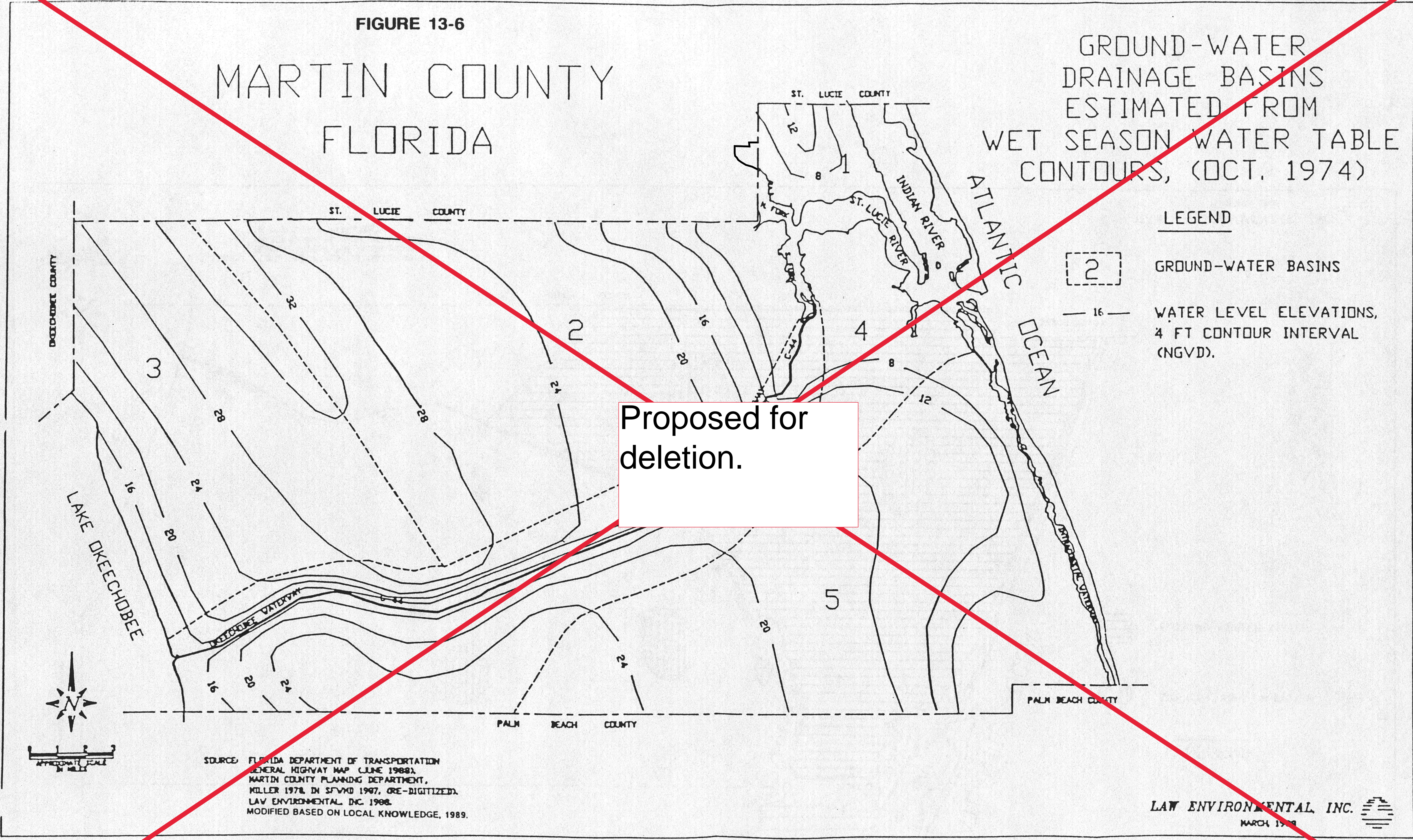
MARTIN COUNTY FLORIDA

GROUND-WATER
DRAINAGE BASINS
ESTIMATED FROM
WET SEASON WATER TABLE
CONTOURS, (OCT. 1974)

LEGEND

- 2 GROUND-WATER BASINS
- 16 — WATER LEVEL ELEVATIONS,
4 FT CONTOUR INTERVAL
(NGVD).

Proposed for
deletion.



SOURCE: FLORIDA DEPARTMENT OF TRANSPORTATION
GENERAL HIGHWAY MAP (JUNE 1988).
MARTIN COUNTY PLANNING DEPARTMENT,
MILLER 1978, IN SFVMD 1987, GRS-DIGITIZED.
LAW ENVIRONMENTAL, INC. 1988.
MODIFIED BASED ON LOCAL KNOWLEDGE, 1989.




LAW ENVIRONMENTAL, INC. 
MARCH 1989

FIGURE 13-7

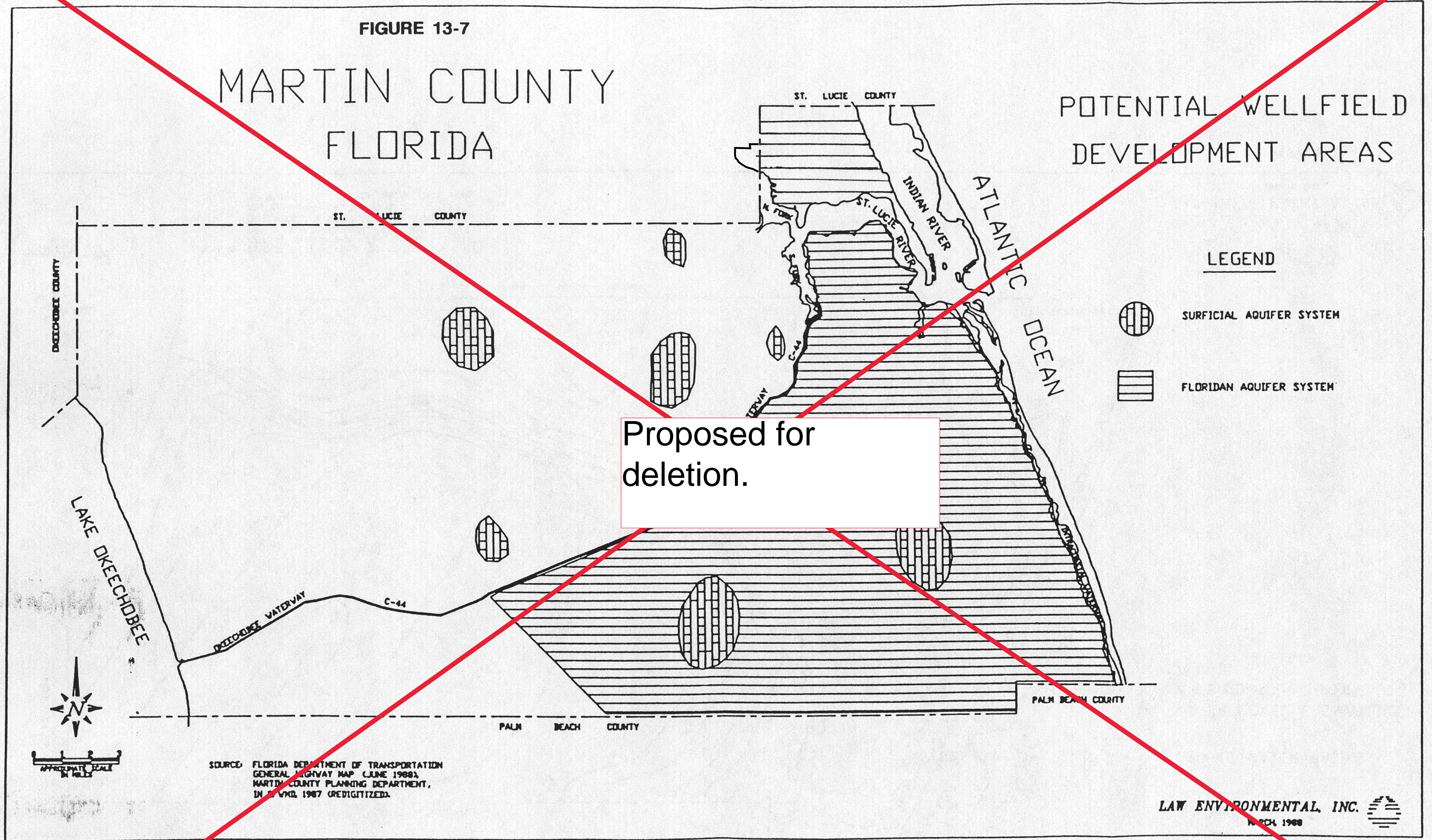
MARTIN COUNTY FLORIDA

POTENTIAL WELLFIELD DEVELOPMENT AREAS

LEGEND

-  SURFICIAL AQUIFER SYSTEM
-  FLORIDAN AQUIFER SYSTEM

Proposed for
deletion.



SOURCE: FLORIDA DEPARTMENT OF TRANSPORTATION
GENERAL HIGHWAY MAP (JUNE 1988),
MARTIN COUNTY PLANNING DEPARTMENT,
IN 1987 (REDIGITIZED).

LAW ENVIRONMENTAL, INC.
MARCH 1988