

APPENDIX I
TO
CRITERIA MANUAL
FOR SEMINOLE
WATER RIGHTS COMPACT

**TABLE A
DESCRIPTION OF WELLS**

| | | | | |
|---|--|--|--|--|
| WELL NO. | | | | |
| Map Designation | | | | |
| Existing/Proposed | | | | |
| Diameter (Inches) | | | | |
| Total Depth | | | | |
| Cased Depth | | | | |
| Screened Interval | | | | |
| Pumped or Flowing | | | | |
| Working Valve (f. Artesian (Yes/No) | | | | |
| Pump Manufacturer and Model No. | | | | |
| Pump (Centrifugal, Type Jet, Deep Jet, Turbine, etc.) | | | | |
| Intake Depth (NGVD) | | | | |
| Pump Capacity (GPM at <u> </u> FT of head at <u> </u> PSI) | | | | |
| Active (Yes/No) | | | | |
| Year Drilled | | | | |
| Type of Meter | | | | |
| Florida Plane Coordinates | | | | |

**TABLE B
DESCRIPTION OF SURFACE WATER PUMPS**

| | | | | |
|------------------------------------|--|--|--|--|
| Drainage District: | | | | |
| Pump No. | | | | |
| Map Designation | | | | |
| Surface Water Body | | | | |
| Existing or Proposed | | | | |
| Pump Manufacturer and Model Number | | | | |
| Pump Type | | | | |
| Pump Capacity | | | | |
| Pump Horse Power | | | | |
| Pump Diameter | | | | |
| Elevation of Intake (MSVD) | | | | |
| Is pump a two way pump? | | | | |
| Florida Plane Coordinates | | | | |

**TABLE C
DESCRIPTION OF CULVERTS**

| | | | | |
|------------------------------|--|--|--|--|
| CULVERT NO. | | | | |
| Map Designation | | | | |
| Water Body | | | | |
| Existing or Proposed | | | | |
| Diameter** | | | | |
| Height** | | | | |
| Width** | | | | |
| Type of Culvert*** | | | | |
| Culvert Length | | | | |
| Invert Elevation (NGVD) | | | | |
| Type of Control Device | | | | |
| Irrigation or Drainage | | | | |
| Florida Plane Coordinates | | | | |

*For Circular Culverts

**For Elliptical Culverts

***Corrugated Metal, reinforced concrete, etc.

TABLE D

WATER USE DATA FOR 12 MONTH PERIOD

FROM _____ TO _____

| Month/Year | Raw Water Pumpage | | Total Raw Water Pumpage (MG) | Total Water Treated (MG) |
|------------|-------------------|----------------|------------------------------|--------------------------|
| | Ave. Day (MGD) | Max. Day (MGD) | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| Total | | ***** | | |
| Average | | ***** | | |
| | | ***** | | |
| | | ***** | | |

Ratio of water pumped to water treated _____.

Maximum day pumpage was _____ MGD

and occurred on _____.

Ratio of maximum day pumpage to average day pumpage

was _____.

**TABLE E
PAST WATER USE**

| Year | Past Population | Number of Units* | Total Annual (MG) | Average Day (MGD) | Maximum Day (MGD) |
|-------------|------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |

*Cumulative

**TABLE F
PROJECTED WATER USE**

| Year | Projected Population | Number of Units* | Total Annual (MG) | Average Day (MGD) | Maximum Day (MGD) |
|------|----------------------|------------------|-------------------|-------------------|-------------------|
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |
| 19 | | | | | |

*On separate sheet of paper separate units into types of units, number of persons/unit, and water usage/unit for each year on a cumulative basis.

WATER SHORTAGE RESTRICTIONS ESSENTIAL/DOMESTIC/UTILITY/COMMERCIAL

| | | ESSENTIAL USE | | DOMESTIC TYPE USE | | WATER UTILITY USE | | POWER PRODUCTION USE COMMERCIAL & INDUSTRIAL PROCESSES USE | | DIVERSION & IMPOUNDMENT INTO NON-DISTRICT FAC. | |
|--|--|---|--|---|---|-----------------------------------|--|---|--|--|--|
| PHASE I Moderate Shortage (Yellow) | Fire fighting or medical uses - No restrictions. Hydrant flushing - only on emergency basis. Sewer line flushing - voluntary reductions. | Residential domestic use - voluntarily reduced to 60 gallons per person per day. Commercial & industrial domestic type use - voluntarily reduced. | Pressure - Voluntary reduction to 45 psi initial pressure at point of service (meter). Notify appropriate fire-fighting agencies. New waterline cleaning & disinfection restricted to 7 p.m.-7 a.m. Voluntary system conservation. | Commercial car washes - For vehicles under 10,000 lb. gross wt. use restricted to 75 gal. or less per wash; vehicles greater than 10,000 lb. gross wt. restricted to 150 gal. or less per wash. Other power production, commercial & industrial processes - voluntary. | Commercial car washes - for vehicles under 10,000 lbs. gross wt. Use above 75 gal. per wash prohibited; Use between 75 gal. & 150 gal. restricted to 8 a.m.-3 p.m. Use 50 gal. or less - voluntary. Vehicles over 10,000 lbs. gross wt. use above 150 gal. per wash prohibited; Use between 150 & 180 gal. restricted to 8 a.m.-3 p.m. Use 100 gal. or less - voluntary. Other commercial, industrial & power production processes - voluntary. | Voluntary reduction in diversions | | | | | |
| | PHASE II Severe Shortage (Orange) | Same as Phase I | Residential domestic use - voluntarily reduced to 40 gallons per person per day. Commercial & industrial domestic type use - voluntarily reduced. | Pressure - Same as Phase I, except pressure reduction is mandatory. | Commercial car washes - for vehicles under 10,000 lbs. gross wt. Use above 75 gal. per wash prohibited; Use between 75 gal. & 150 gal. restricted to 8 a.m.-3 p.m. Use 50 gal. or less - voluntary. Vehicles over 10,000 lbs. gross wt. use above 150 gal. per wash prohibited; Use between 150 & 180 gal. restricted to 8 a.m.-3 p.m. Use 100 gal. or less - voluntary. Other commercial, industrial & power production processes - voluntary. | Same as Phase I | | | | | |
| PHASE III Extreme Shortage (Red) | Same as Phase I | Residential domestic use - voluntarily reduced to 40 gallons per person per day. Commercial & industrial domestic type use - voluntarily reduced. | Pressure - Voluntary reduction below 45 psi initial pressure at point of service (meter). Maintain adequate line and fire flow pressures. | Commercial car washes - for vehicles under 10,000 lbs. gross wt. Use above 75 gal. per wash prohibited; Use between 75 gal. & 150 gal. restricted to 8 a.m.-3 p.m. Use 50 gal. or less - voluntary. Vehicles over 10,000 lbs. gross wt. use above 150 gal. per wash prohibited; Use between 150 & 180 gal. restricted to 8 a.m.-3 p.m. Use 100 gal. or less - voluntary. Other commercial, industrial & power production processes - voluntary. | Same as Phase I | | | | | | |
| | PHASE IV Critical Shortage (Purple) | Fire fighting or medical uses - No restrictions. Hydrant flushing - only on emergency basis. Sewer line flushing - only on an emergency basis. | Residential domestic use - voluntarily reduced to 30 gallons per person per day. Commercial & industrial domestic type use - voluntarily reduced to minimum levels required for health & safety. | Pressure - Same as Phase III | Commercial car washes - for vehicles under 10,000 lbs. gross wt. Use above 75 gal. per wash prohibited; Use between 75 gal. & 150 gal. restricted to 8 a.m.-3 p.m. Use 50 gal. or less - voluntary. Vehicles over 10,000 lbs. gross wt. use above 150 gal. per wash prohibited; Use between 150 & 180 gal. restricted to 8 a.m.-3 p.m. Use 100 gal. or less - voluntary. Other commercial, industrial & power production processes - voluntary. | Same as Phase I | | | | | |

MORE THAN 60% REDUCTION - NO OUTSIDE WATER USE
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD

Figure 2-1
Sheet 1 of 4

Figure 2-1

WATER USE

| | AGRICULTURAL USE | AQUACULTURAL USE LIVESTOCK USE | SOIL FLOODING | FREEZE PROTECTION |
|--|---|-----------------------------------|---|--|
| PHASE I Moderate Shortage (Yellow) | Overhead, except portable volume restricted to 2 p.m. to 10 a.m. Low volume - no restrictions Voluntary use of water conservation techniques. Maximize use from sources not experiencing shortages. | Voluntary reduction in use. | Pest Control, soil preservation - flooding prohibited. Sugarcane - flooding for burning prior to harvesting - voluntary reduction. Sod-flooding to permit harvesting - voluntary reduction. | Limited to situations in which official weather forecast services predict freezing temperatures likely to cause permanent damage to crops. |
| PHASE II Severe Shortage (Orange) | Same as Phase I | Same as Phase I | Same as Phase I | Same as Phase I |
| PHASE III Extreme Shortage (Red) | Overhead to 10 a.m. to 7 p.m. to 1 a.m. Low volume - 75% restriction. Voluntary use of water conservation techniques. Maximize use from sources not experiencing shortages. Withdrawals limited based upon availability of water, permitted acreage and allocation and relative value of agricultural products. | Same as Phase I | Pest Control, Soil Preservation - Flooding prohibited. Sugarcane - Same as Phase I. Sod-flooding to permit harvesting - prohibited. | Same as Phase I |
| PHASE IV Critical Shortage (Purple) | Same as Phase III | Same as Phase I | Same as Phase III | Same as Phase I |

**MORE THAN 60% REDUCTION - NO OUTSIDE WATER USE
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD**

WATER SHORTAGE RESTRICTIONS NURSERY/URBAN IRRIGATION/RECREATION

**WATER BASED
RECREATION USE
(INCLUDES POOLS,
WATER SLIDES,
SWIM AREAS)**

**LANDSCAPE IRRIGATION LANDSCAPE IRRIGATION
NEW INSTALLATION EXISTING INSTALLATION
RECREATION AREA USE RECREATION AREA USE**

| | NURSERY USE | LANDSCAPE IRRIGATION LANDSCAPE IRRIGATION NEW INSTALLATION EXISTING INSTALLATION RECREATION AREA USE RECREATION AREA USE | GOLF COURSE USE | WATER BASED RECREATION USE (INCLUDES POOLS, WATER SLIDES, SWIM AREAS) |
|--|---|--|---|---|
| PHASE I Moderate Shortage (Yellow) | Low volume-voluntary watering-voluntary Overhead-Inside-6 a.m.-8p.m., 7 days per week Overhead outside-7p.m.-7a.m., 7 days per week Flood - 8 days per month | Under 5 acres-2 a.m.-8 a.m., Mon.-Fri. 5 acres or over-12:01 a.m.-8 a.m., Mon.-Fri. Low volume hand watering - voluntary. New irrigation system cleaning & adjusting - 10 min. per zone, one time only. | Under 5 acres-4 a.m.-8 a.m., Mon, Wed, & Sat for odd house addresses & Tues, Thurs, Sun for even house addresses with no address 5 acres or over-Same as under 5 acres except hrs. limited to 12:01 a.m.-8 a.m. | Filling - permitted for new and existing facilities. Draining - only permitted onto pervious surfaces, no draining into sewers. Makeup - permitted for new and existing facilities |
| PHASE II Severe Shortage (Orange) | Low volume-voluntary watering-voluntary Overhead-Inside-6 a.m.-8p.m., 7 days per week. Overhead outside-7 p.m.-7a.m., odd numbered days Flood - 6 days per month. | Under 5 acres-2 a.m.-8 a.m., Mon, Wed, Thurs, Fri. 5 acres or over-12:01 a.m.-8 a.m., Mon, Wed, Thurs, Fri. Low vol. hand watering - voluntary New irrig. system clean. & adjust. 10 min. per zone, one time only. | Under 5 acres-4 a.m.-8 a.m. on Wed & Sat for odd house addresses; Thurs & Sun for even house addresses & locations with no address. 5 acres or over- Same as under 5 acres, except hours limited to 12:01 a.m.- 8 a.m. | Filling - permitted for new facilities, prohibited for existing facilities Draining - same as Phase I Makeup - Same as Phase I |
| PHASE III Extreme Shortage (Red) | Low volume-voluntary watering-voluntary Overhead-Inside-8 a.m.- 8 p.m., odd numbered days Overhead - outside- 12:01 a.m.-7 a.m., odd numbered days. Flood - 4 days per month. | Under 5 acres-2 a.m.-7 a.m., Mon, Wed, Fri. 5 acres or over - 12:01 a.m.-7 a.m., Mon, Wed, Fri. Low volume hand watering - voluntary New irrigation system cleaning & adjusting - 10 min. per zone, one time only. | Under 5 acres - 4 a.m.- 7 a.m. on Sat for odd house addresses; Sun for even addresses & locations with no address. 5 acres or over - Same as under 5 acres except hrs. limited to 12:01 a.m. to 7 a.m. | Same as Phase II |
| PHASE IV Critical Shortage (Purple) | Low volume-voluntary watering-voluntary Overhead inside-8 a.m.-4 p.m., odd numbered days Overhead outside-2 a.m.-7 a.m., odd numbered days Flood- 2 days per month. | Under 5 acres-8 a.m.-7 a.m., Sat. 5 acres or over-4 a.m.-7 a.m., Sat. Low volume hand watering -Mon, Wed, Fri. New irrigation system cleaning & adjusting - prohibited. | Under 5 acres - 6 a.m.- 7 a.m. on Sat for odd house addresses & Sun for even house addresses and locations with no addresses. 5 acres or over- Same as under 5 acres except hrs. limited to 4 a.m - 7 a.m. | Filling - prohibited for new and existing facilities Draining - same as Phase I Makeup - prohibited |

**MORE THAN 60% REDUCTION - NO OUTSIDE WATER USE
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD**

Figure 2-1
Sheet 3 of 4

Figure 2-1
Sheet 3 of 4

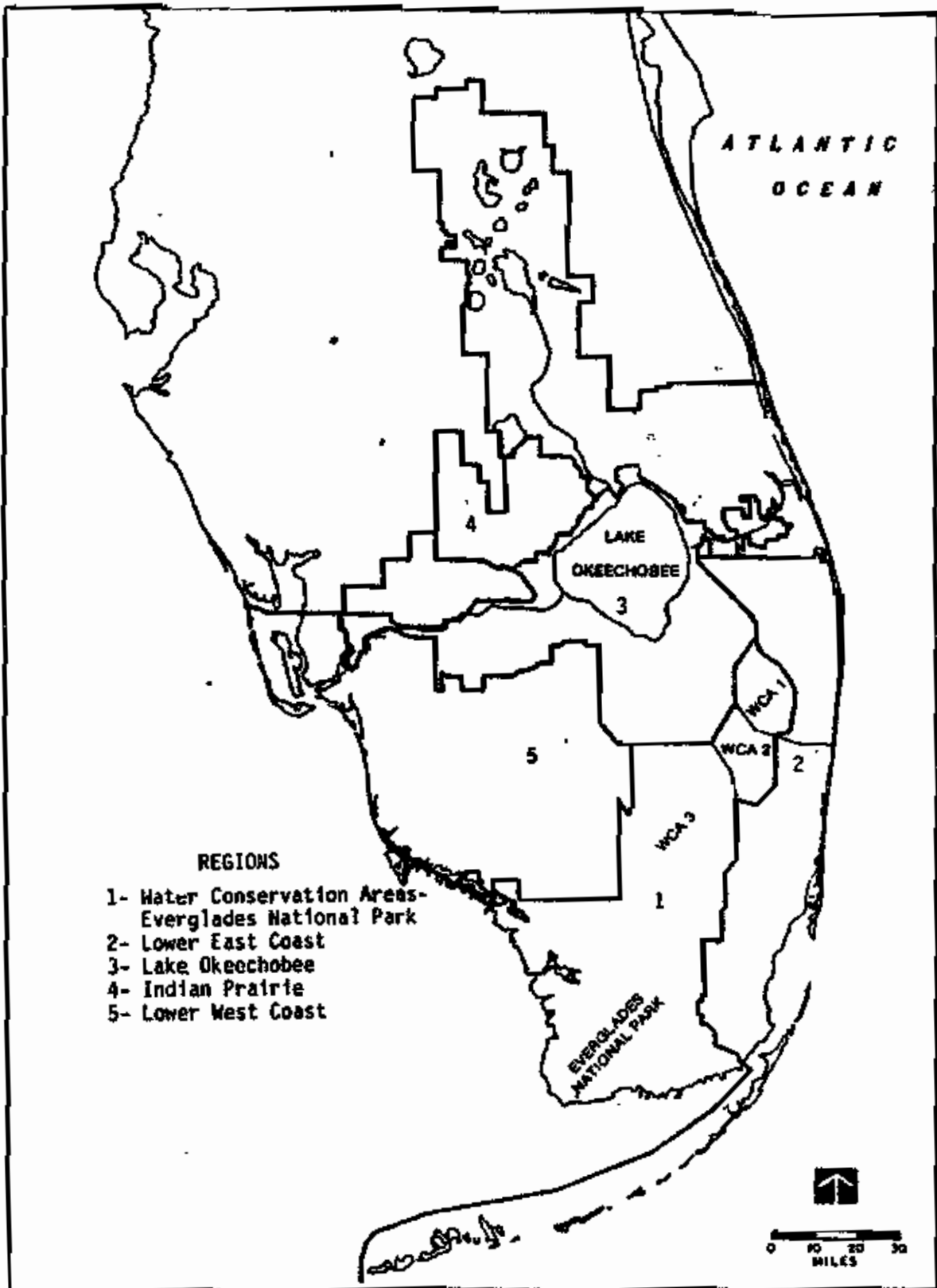
WATER SHORTAGE RESTRICTIONS MISCELLANEOUS

| | COOLING & AIR CONDITIONING USE | DEWATERING USE | NAVIGATION USE | OTHER OUTSIDE USES | AESTHETIC USE (includes fountains, waterfalls, etc.) |
|--|--|---|------------------|---|--|
| PHASE I Moderate Shortage (Yellow) | Restricted to water necessary to maintain temperatures no colder than 78°F. | Discharge of fresh- water to salt prohibited. | (Not Applicable) | Street, driveway, sidewalk washing or cleaning prohibited. Vehicle washing/non- commercial; pressure washing only, during irrigation hm. & days, low volume only. Outside pressure cleaning-low volume programs only, 7 days/week. | Outside-Prohibited inside - Voluntary reductions. |
| PHASE II Severe Shortage (Orange) | Same as Phase I | Same as Phase I | (Not Applicable) | Same as Phase I | Same as Phase I |
| PHASE III Extreme Shortage (Red) | Same as Phase I | Same as Phase I | (Not Applicable) | Street, driveway, sidewalk-Same as Phase I Vehicle washing (non- commercial); Same as Phase I Outside pressure cleaning-low volume programs only, Mon. through Fri. | Outside - Prohibited Inside - Prohibited |
| PHASE IV Critical Shortage (Purple) | No immediate discharge to freshwater; water reuse required. | Same as Phase I | (Not Applicable) | Street, driveway, sidewalk-Same as Phase I Vehicle washing (non- commercial); Same as Phase I Outside pressure cleaning-low volume programs only Mon & Wed. | Same as Phase III |

**MORE THAN 66% REDUCTION - NO OUTSIDE WATER USE
OTHER RESTRICTIONS AS DIRECTED BY GOVERNING BOARD**

Figure 2-1
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Figure 2-1
Sheet 1 of 4



WATER SHORTAGE PLAN REGIONS

Figure 2-2

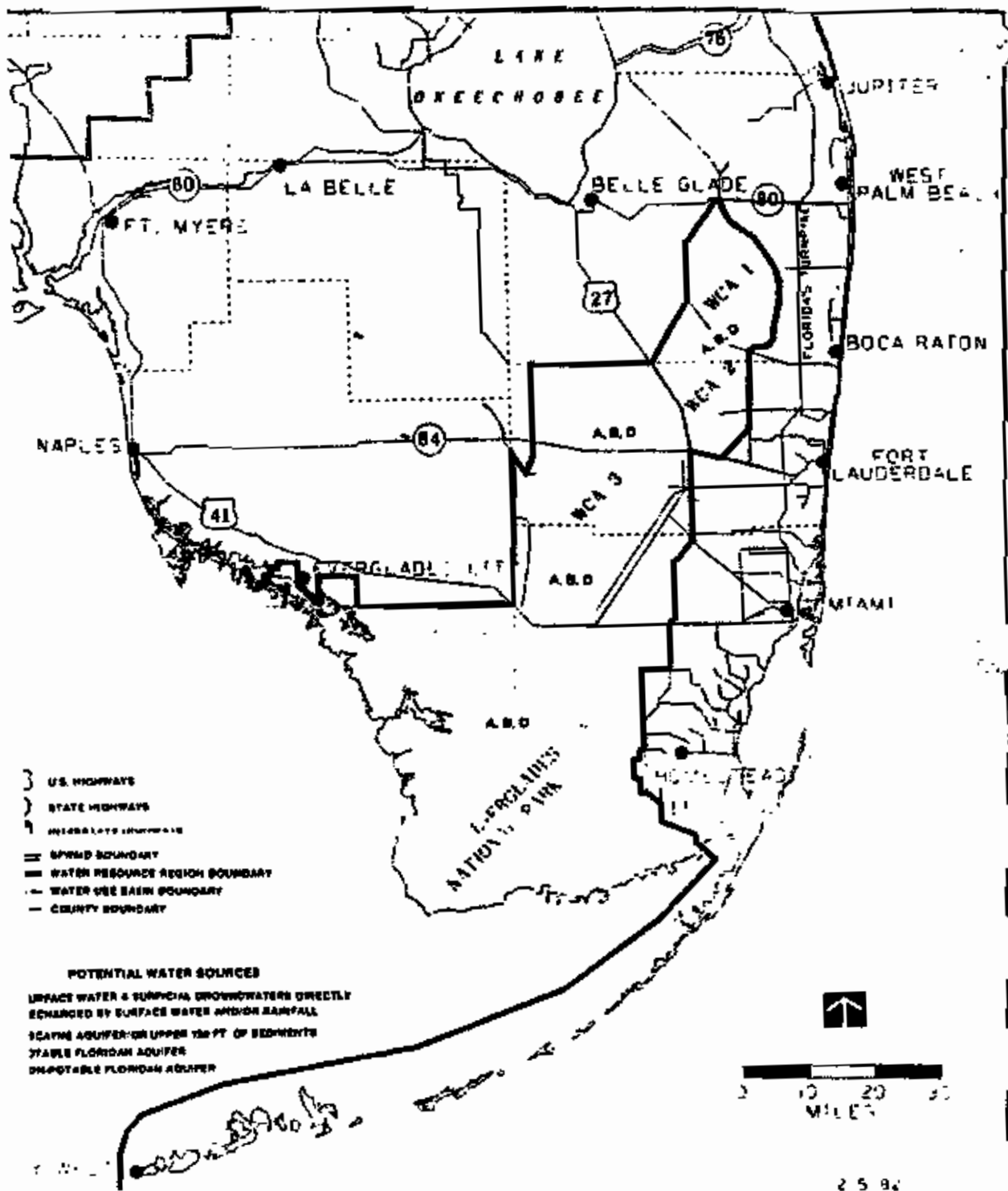
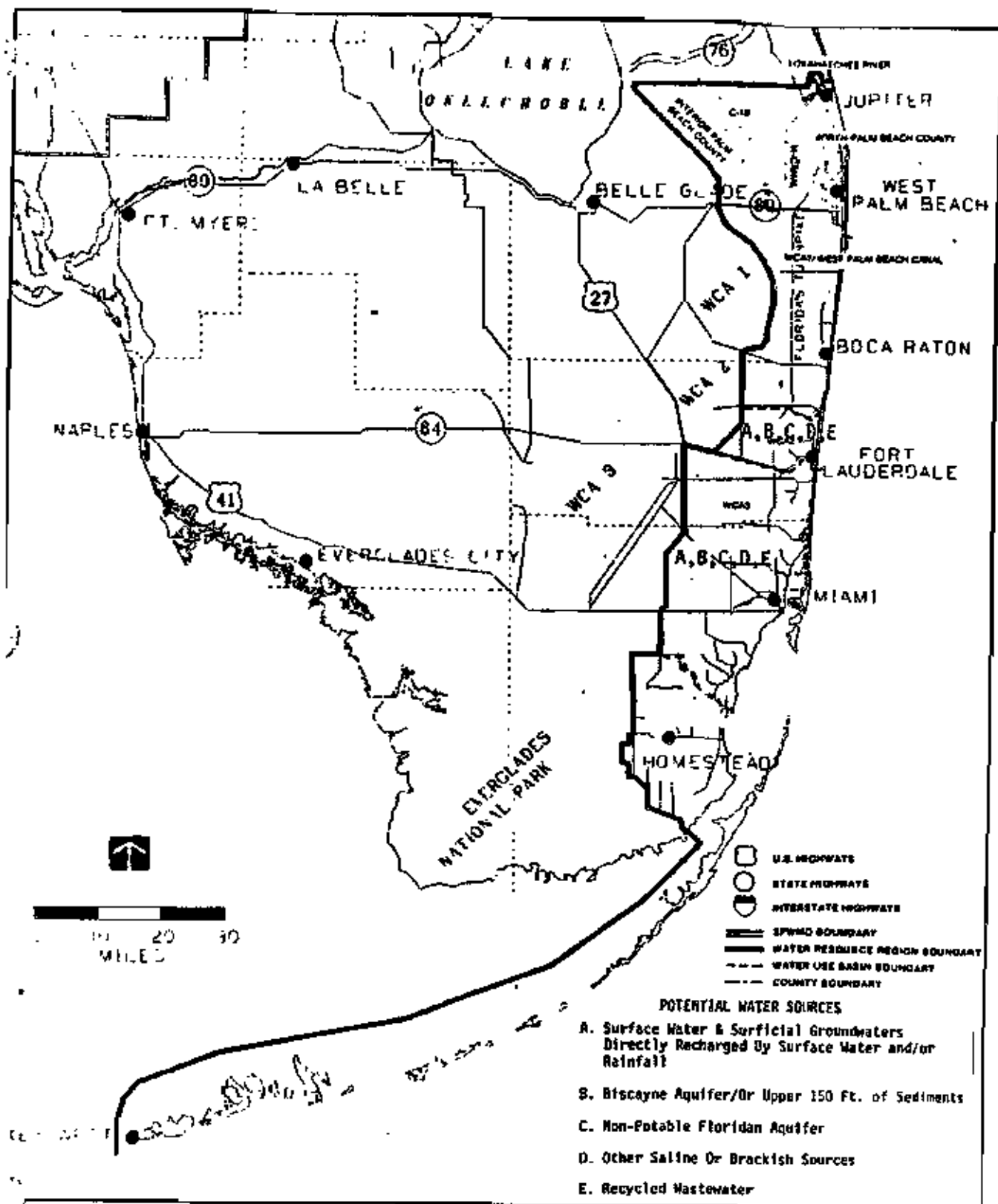


Figure 2-
WATER CONSERVATION AREAS - EVERGLADES NATIONAL PARK REGION



LOWER EAST COAST REGION

Figure 2-4

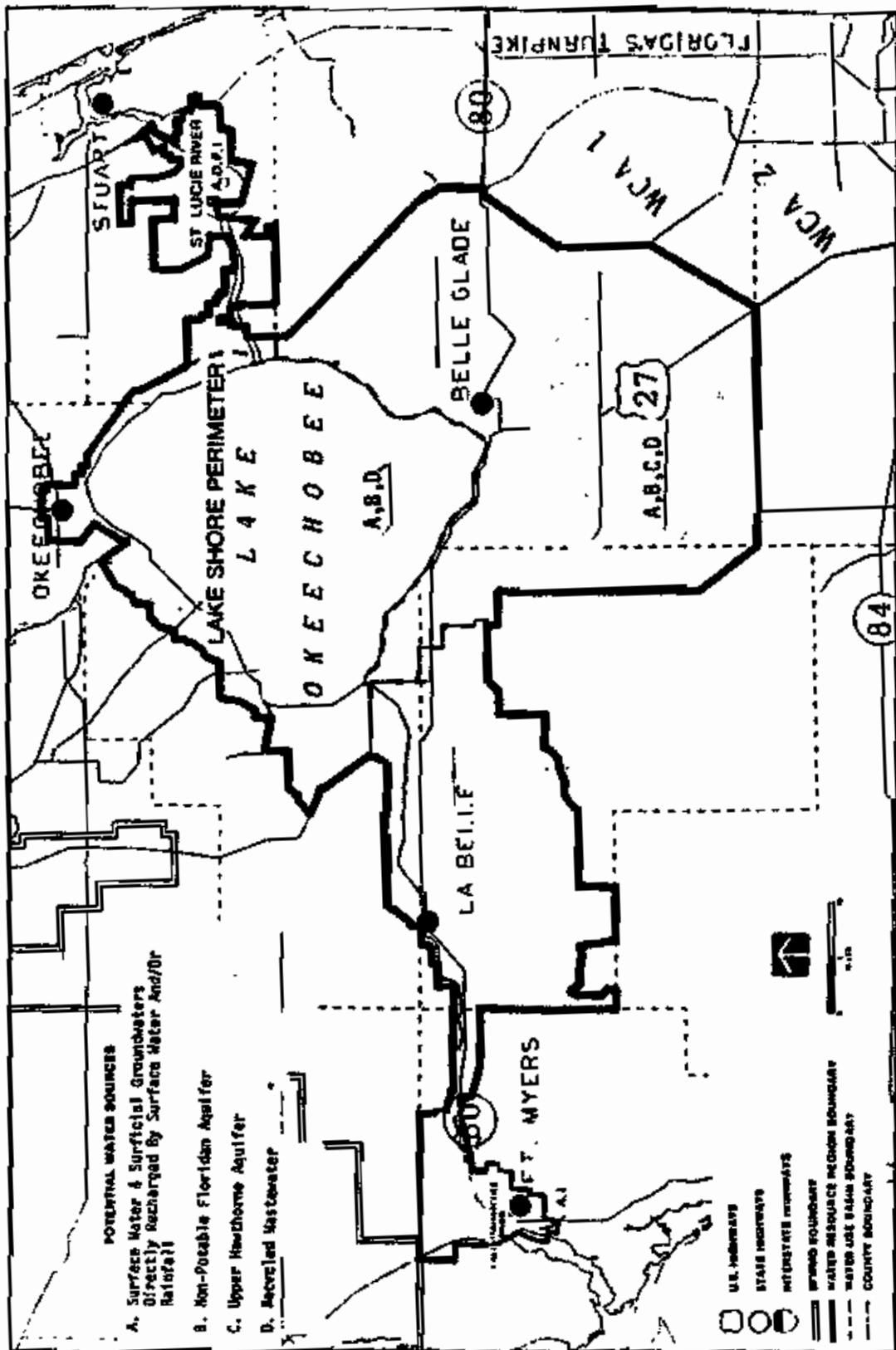


Figure 2-5

LAKE OKEECHOBEE REGION

Figure 2-5

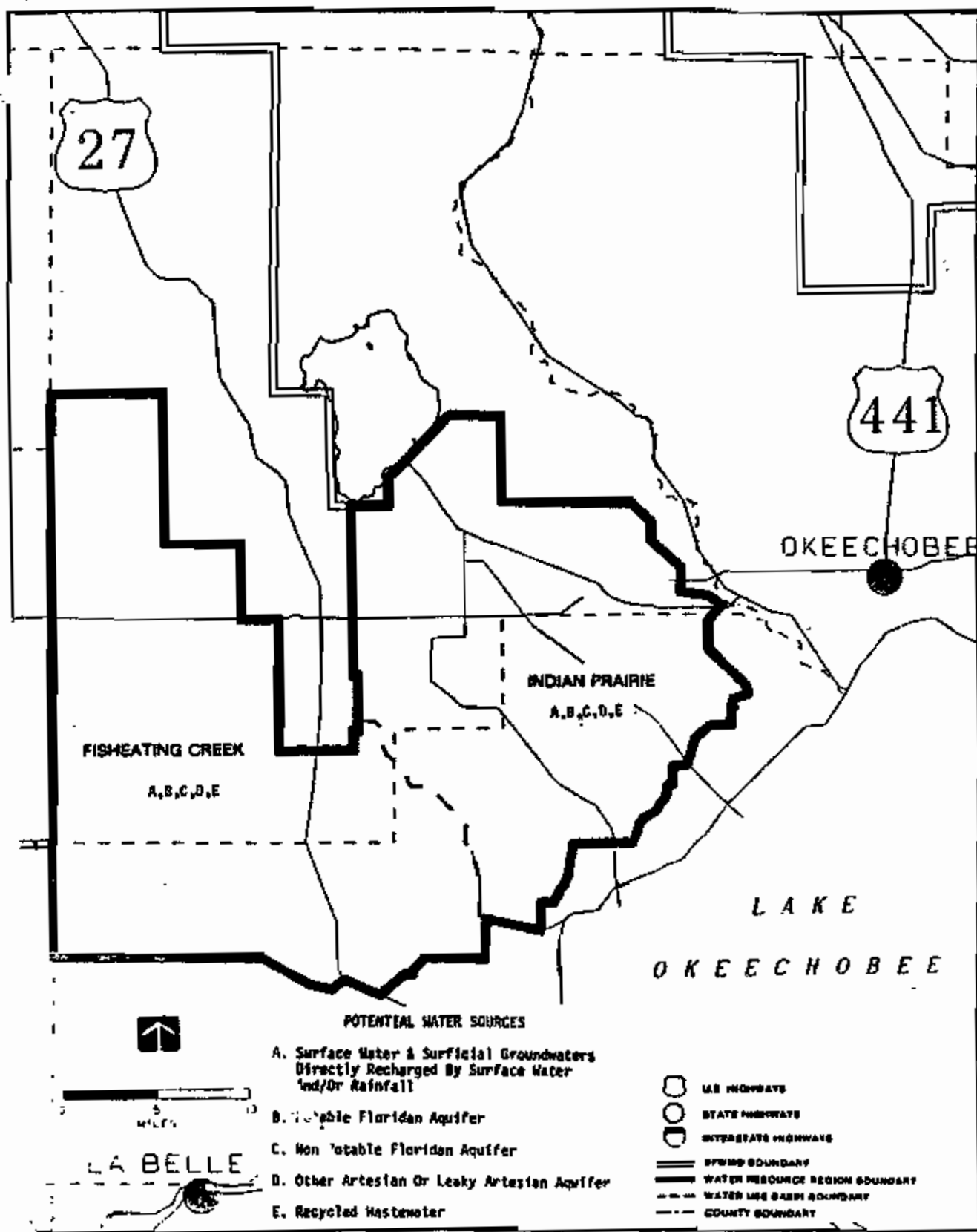


Figure 2-6

INDIAN PRAIRIE REGION

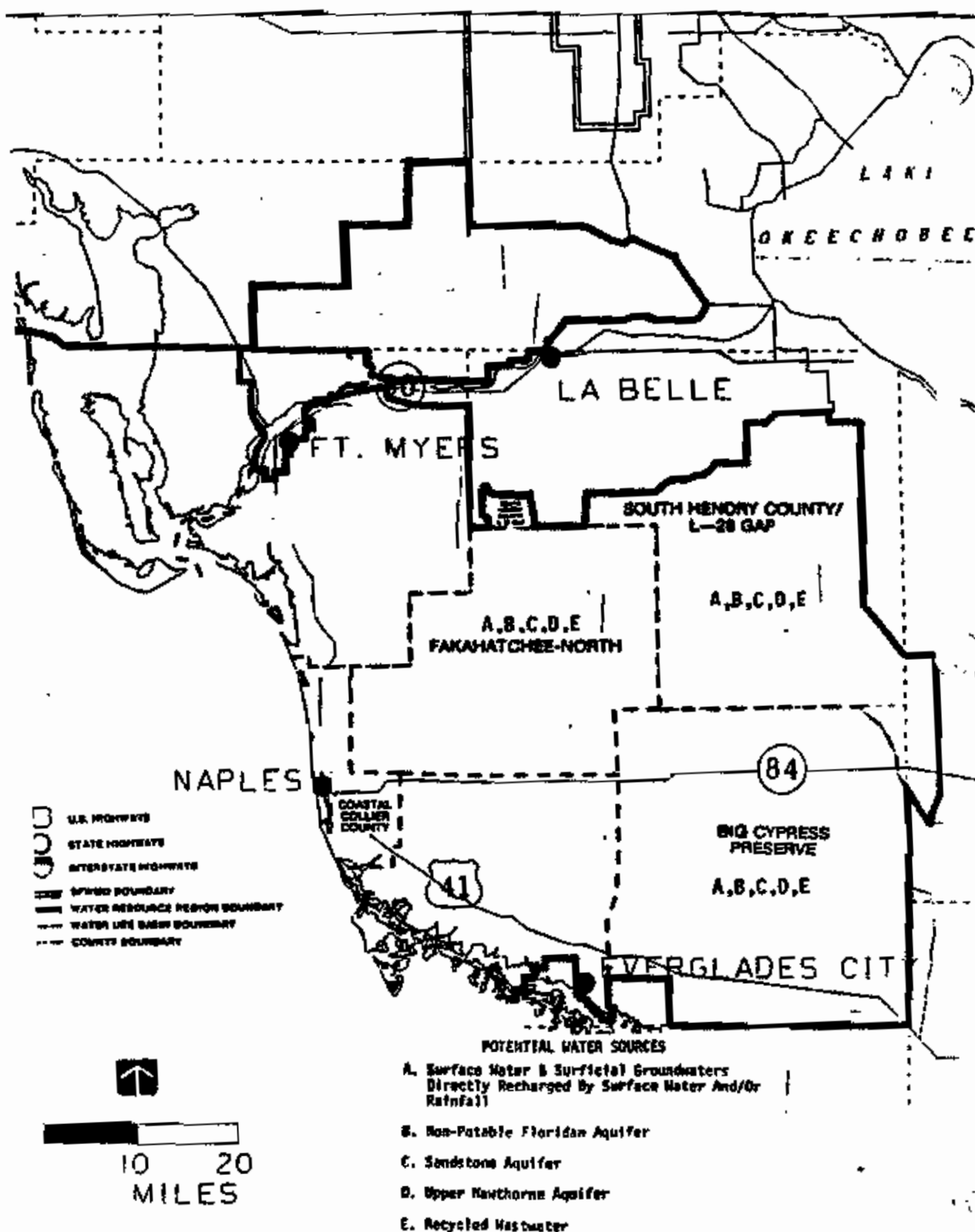
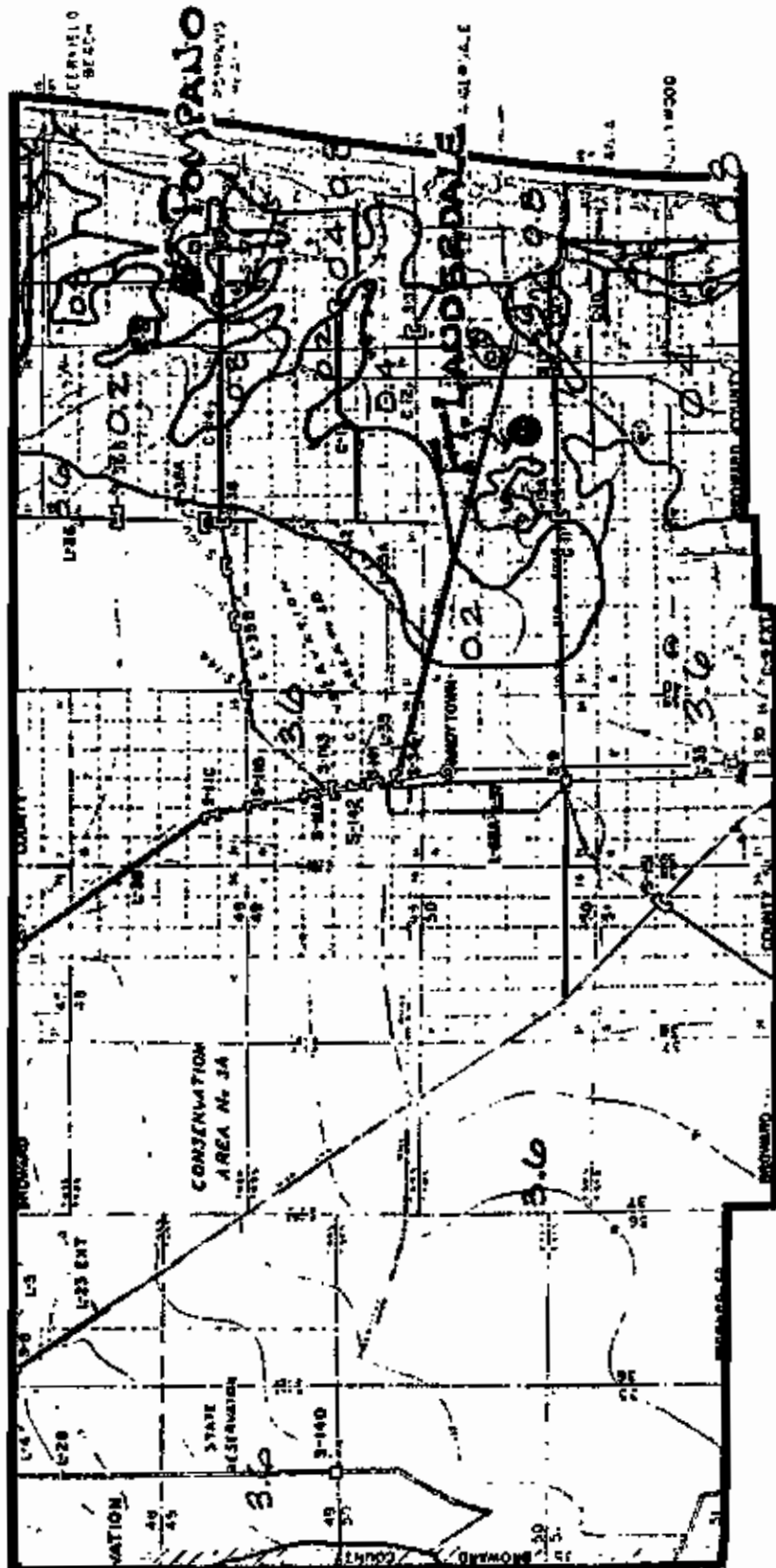


Figure 2-

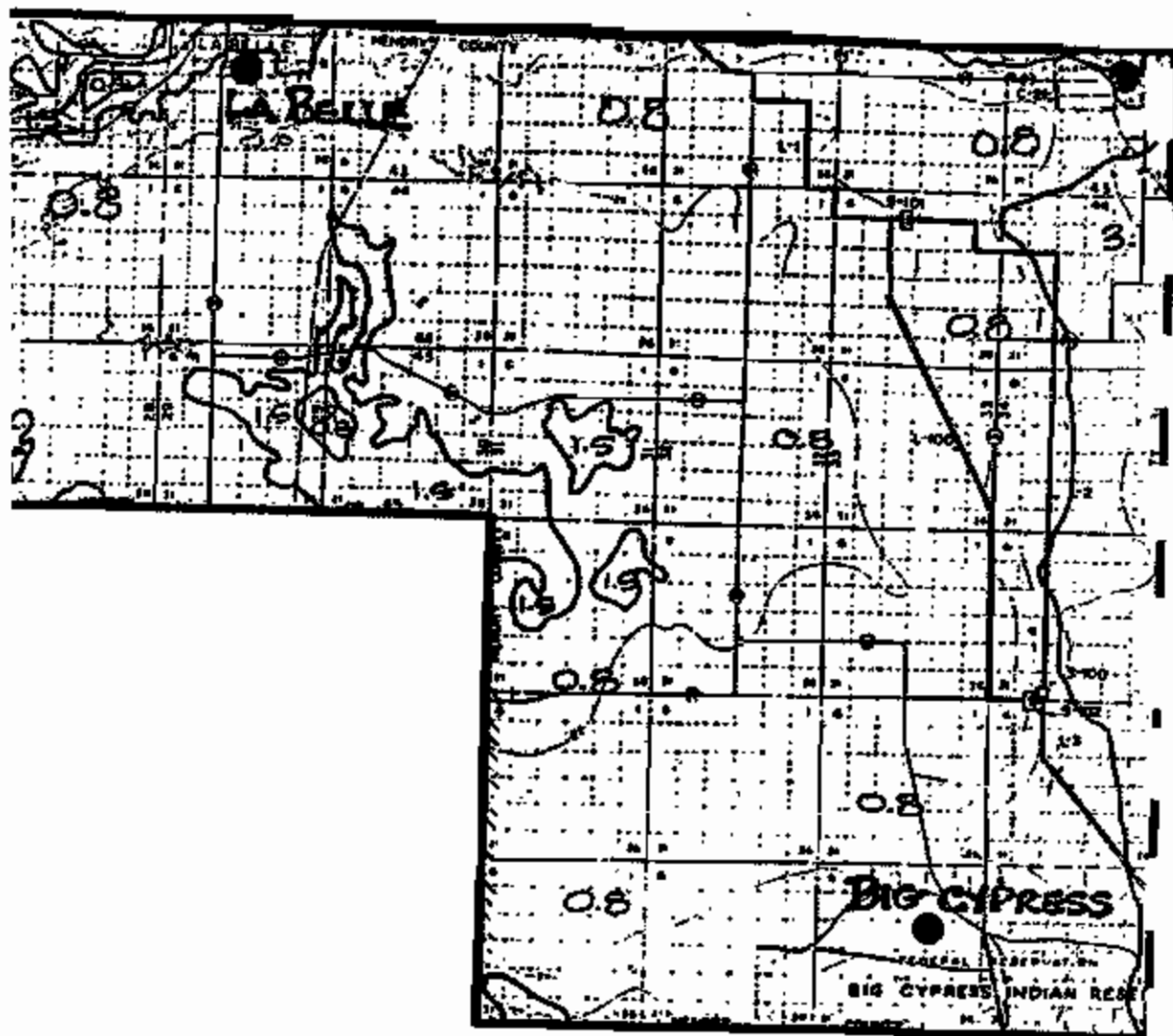
LOWER WEST COAST REGION



SOIL TYPES

BROWARD COUNTY

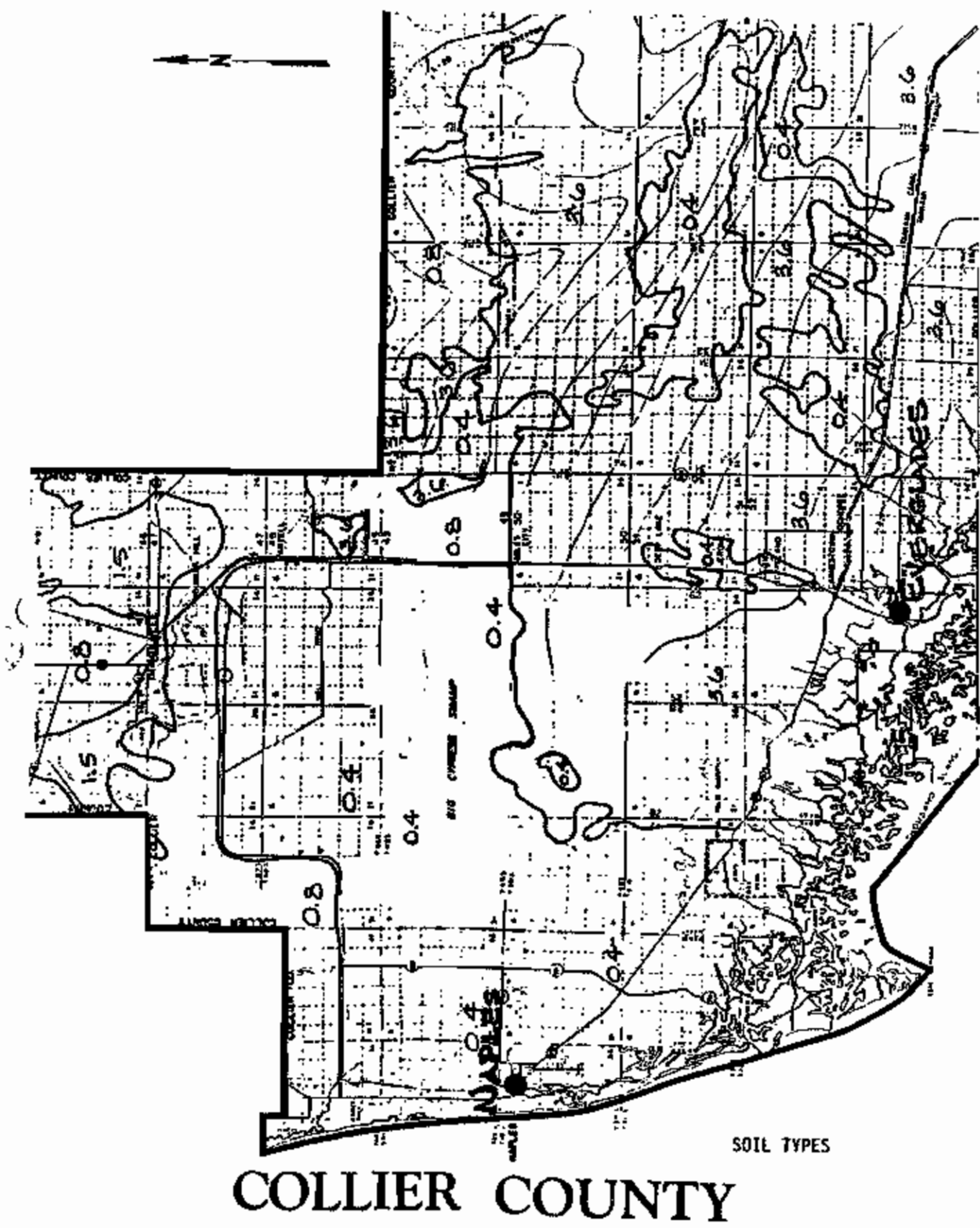
Figure 3-1



HENDRY COUNTY

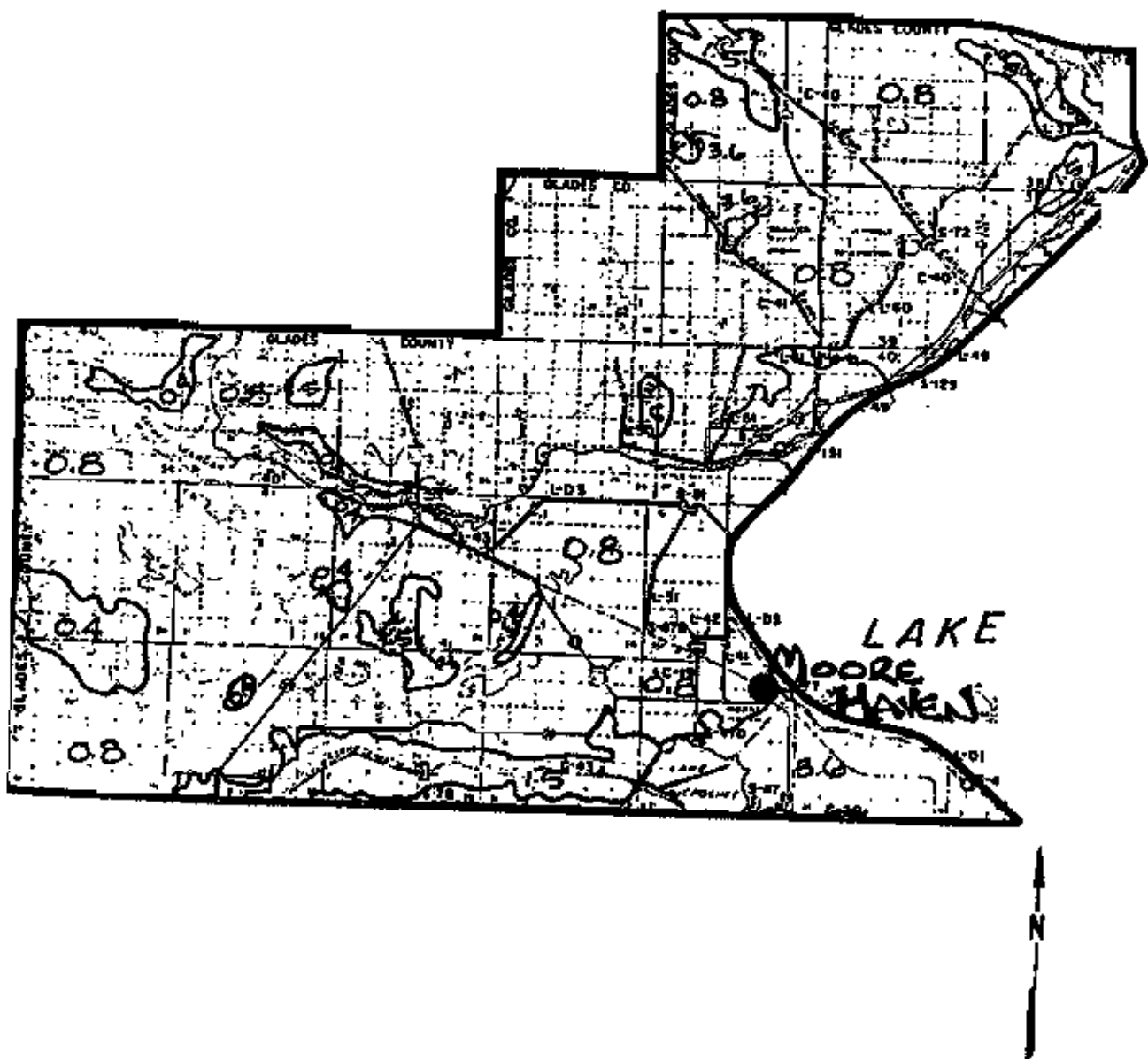
SOIL TYPES

Figure 3-2



COLLIER COUNTY

Figure 3-3



GLADES COUNTY

SOIL TYPES

Figure 3-4

URBAN RETENTION/DETENTION

Note: Storage Required Is In Addition To Normal Street & Lot Swales Which Have Already Been Accounted For In Preparation Of Curve.
(See 4.3.2.2(b))

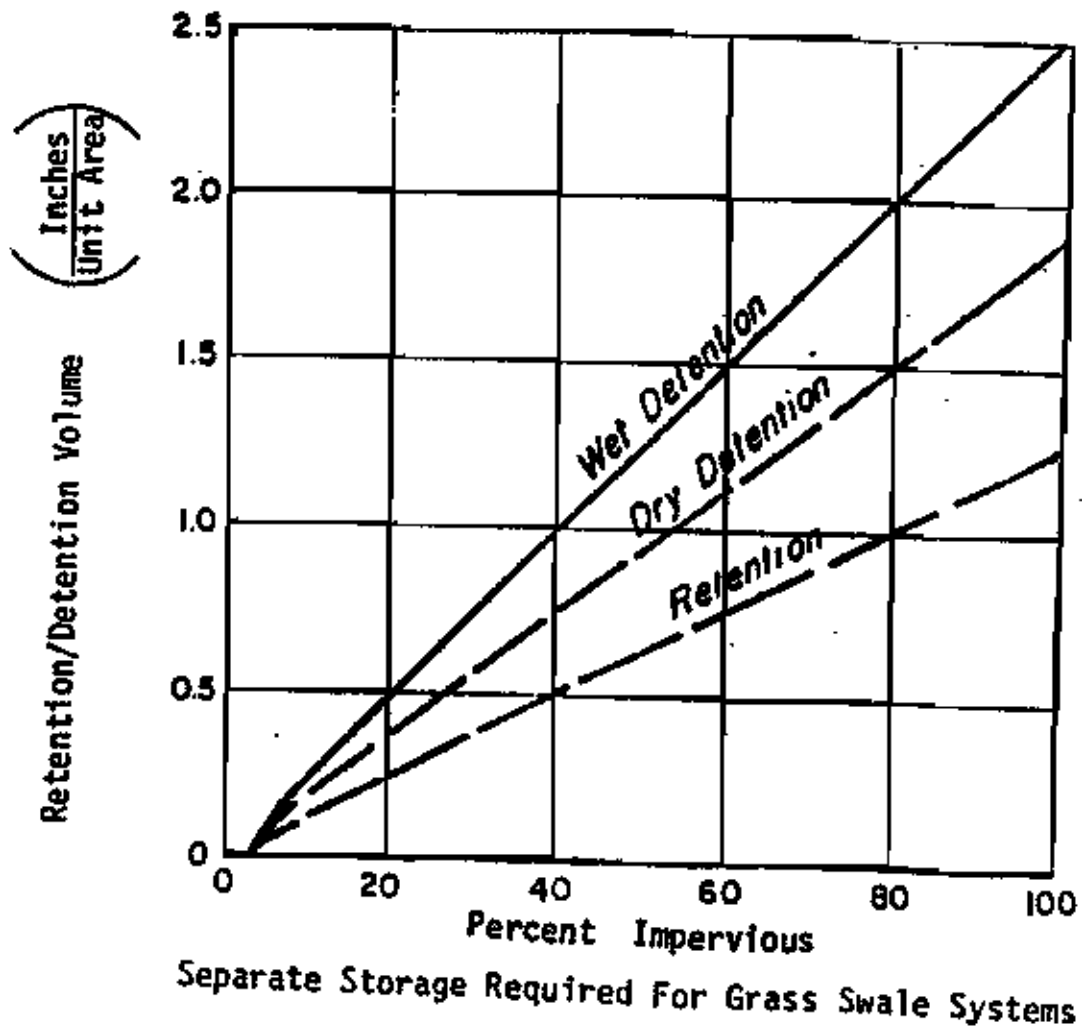


Figure 4-1