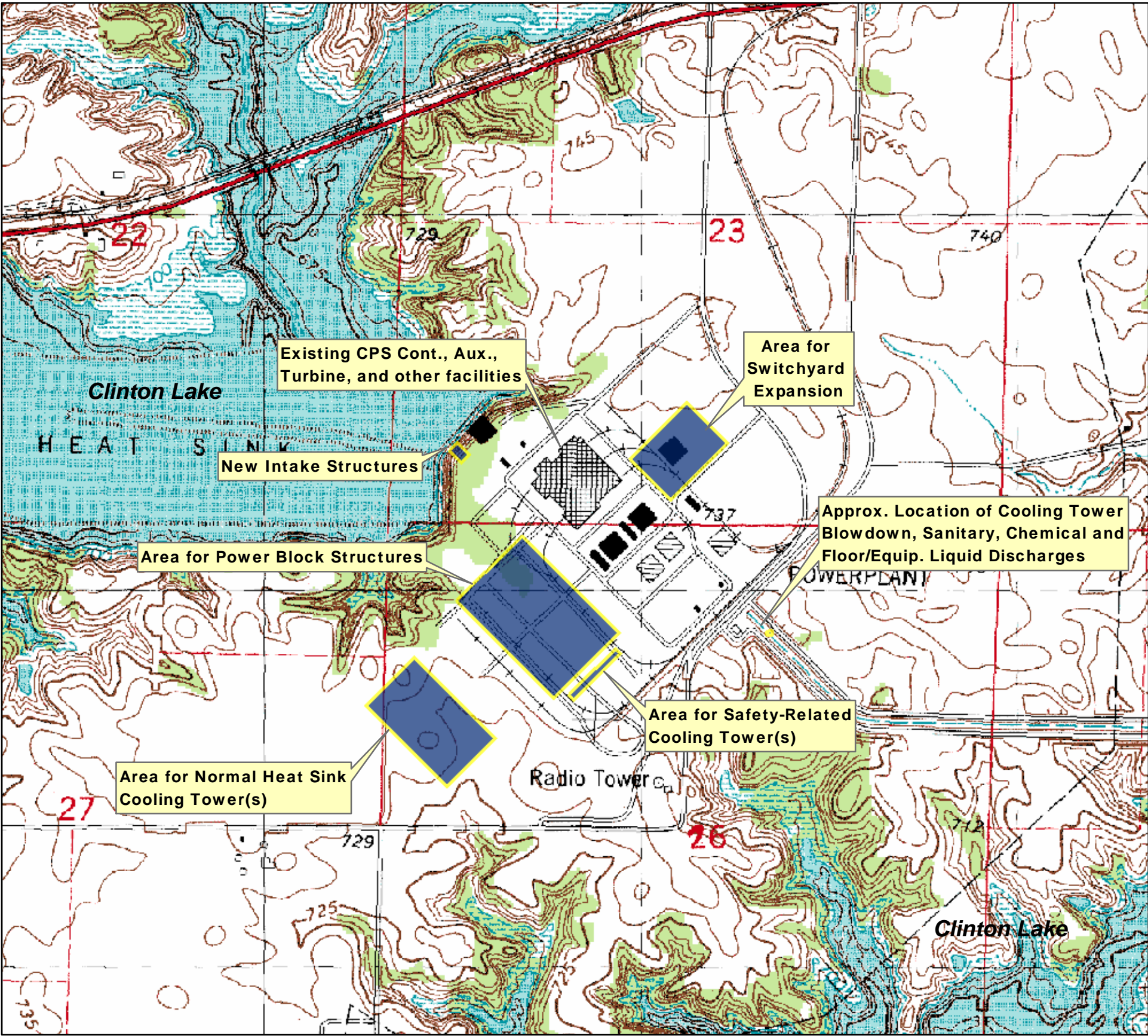


Figure 2.1-4
Proposed Areas for
EGC ESP Structures



Legend

 Proposed Areas for EGC ESP Facility Structures

Data Sources:
USGS, 1979

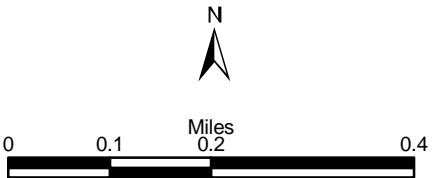
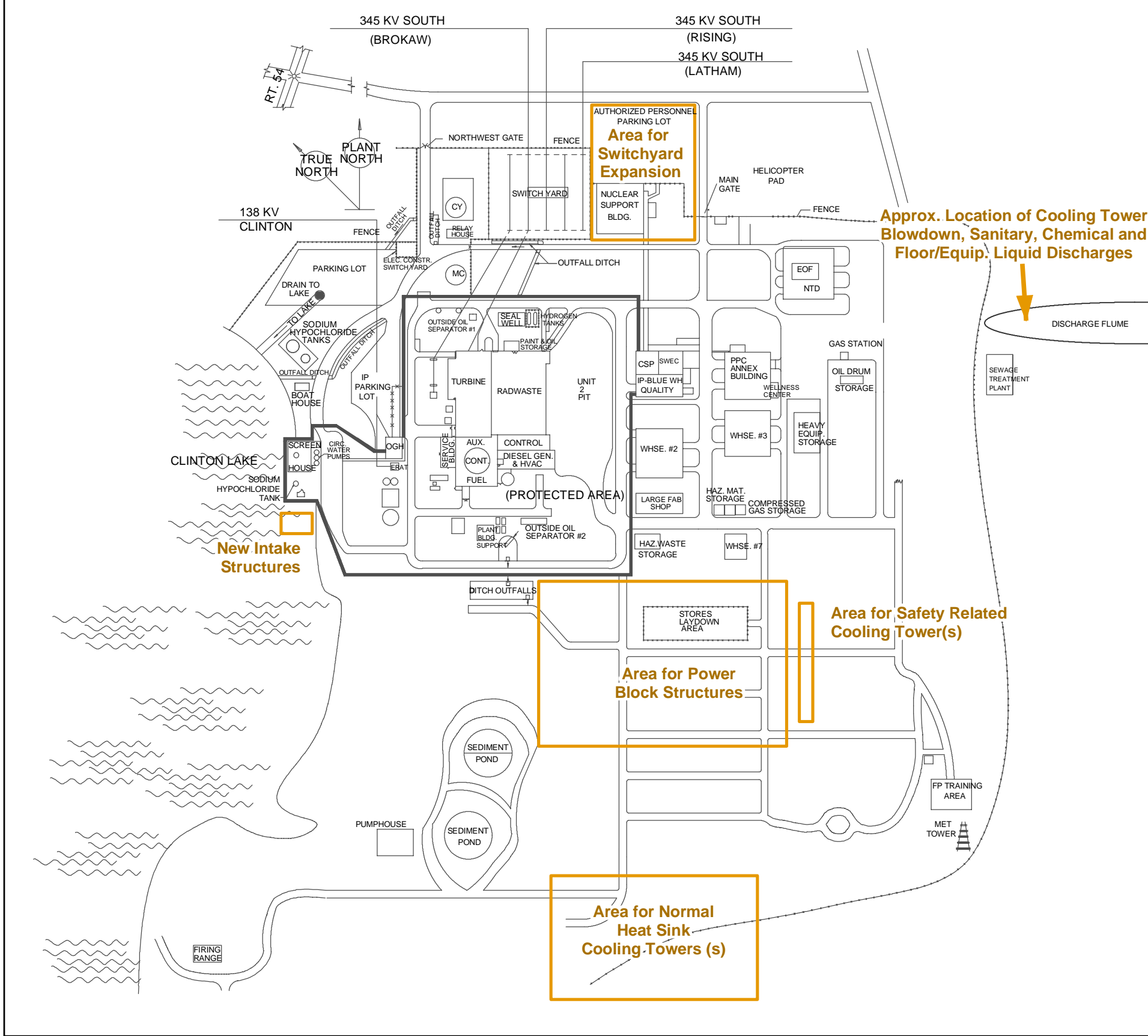


Figure 2.1-5
Location of ESP Structures
Relative to Existing CPS Facilities

Legend

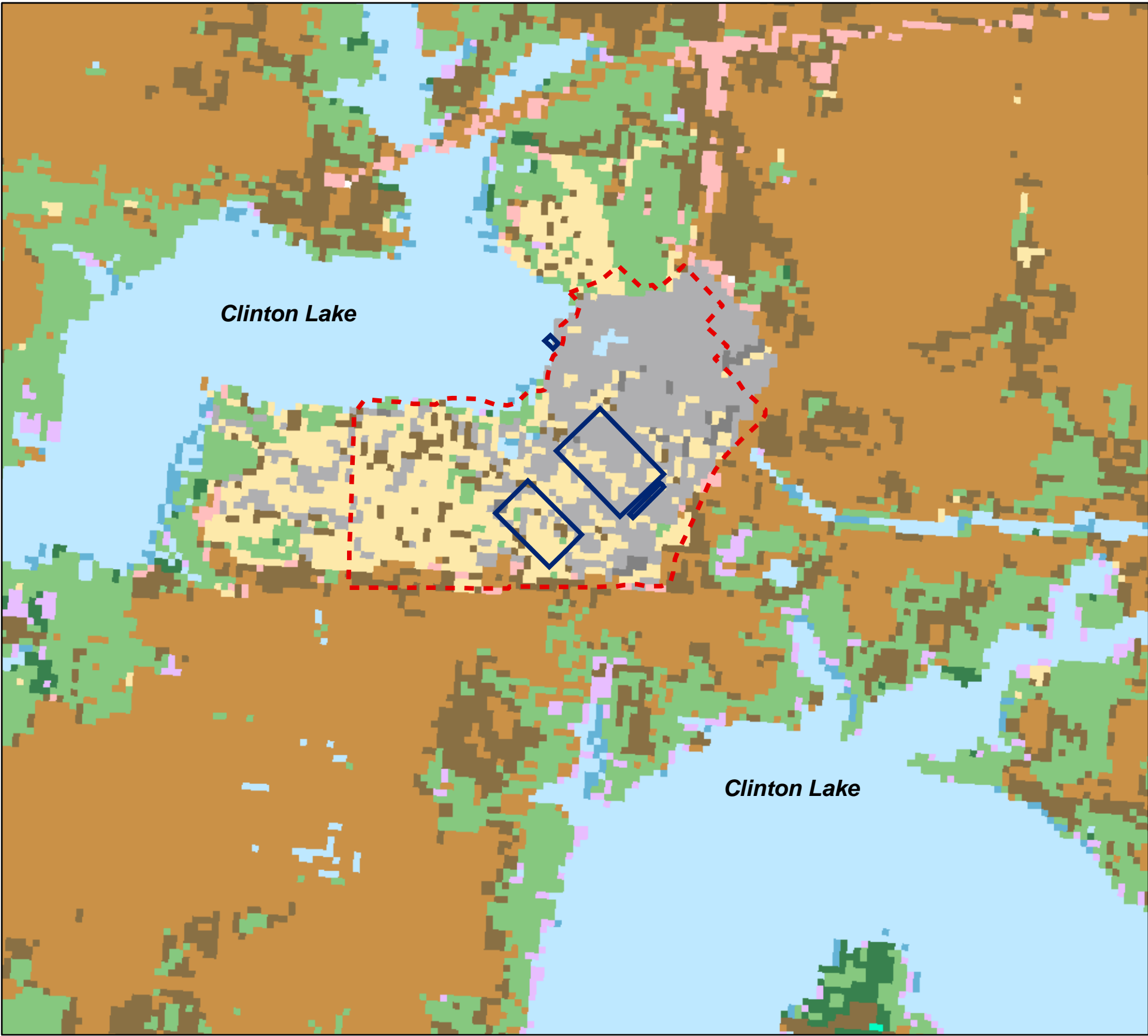
 Proposed Areas for EGC ESP Facility Structures

Approx. Location of Cooling Tower
Blowdown, Sanitary, Chemical and
Floor/Equip. Liquid Discharges



Not to Scale

Figure 2.2-1
Land Use/Land Cover at Site



Legend

- Site Boundary: Fenceline
- Proposed Areas for EGC ESP Facility Structures
- Open Water
- Commercial/Industrial/Transportation
- Bare Rock/Sand/Clay
- Quarries/Strip Mines/Gravel Pits
- Deciduous Forest
- Evergreen Forest
- Grasslands/Herbaceous
- Pasture/Hay
- Row Crop
- Recreational Grasses
- Woody Wetlands
- Herbaceous Wetlands

Data Sources:
USGS, 1992

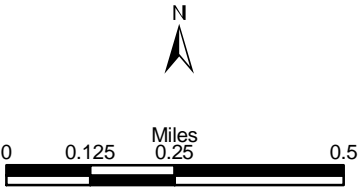
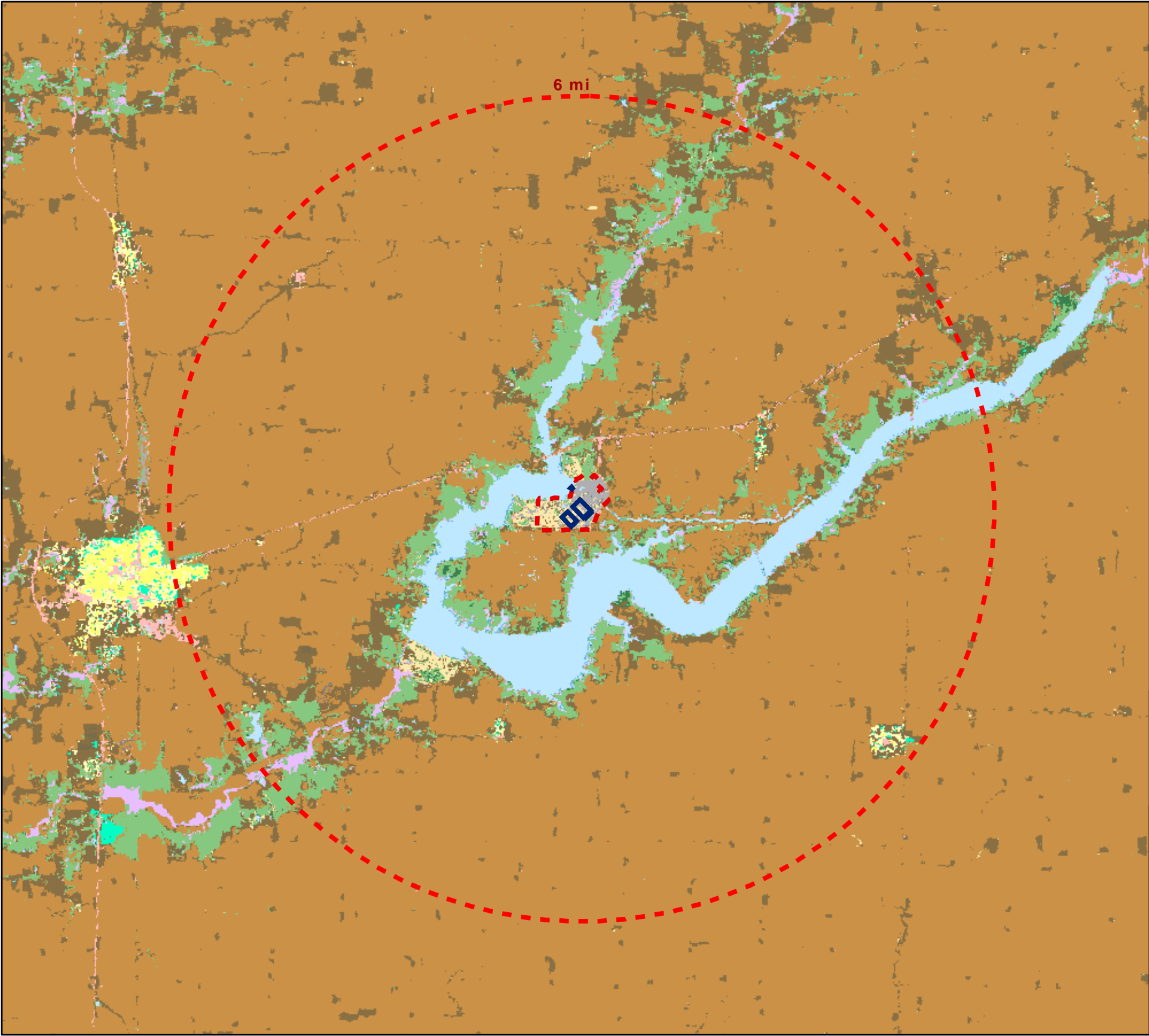


Figure 2.2-2
Land Use/Land Cover - Site Vicinity



Legend

- | | |
|--|--------------------------|
| Proposed Areas for EGC ESP Facility Structures | Evergreen Forest |
| Site Boundary: Fenceline | Mixed Forest |
| Vicinity: 6-mi radius around site | Shrubland |
| Open Water | Orchards/Vineyards/Other |
| Low Intensity Residential | Grasslands/Herbaceous |
| High Intensity Residential | Pasture/Hay |
| Commercial/Industrial/Transportation | Row Crop |
| Bare Rock/Sand/Clay | Small Grains |
| Quarries/Strip Mines/Gravel Pits | Recreational Grasses |
| Deciduous Forest | Woody Wetlands |
| | Herbaceous Wetlands |

Data Sources:
USGS, 1992

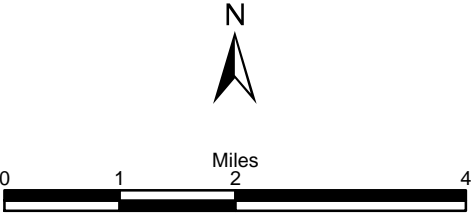


Figure 2.2-3
Vicinity Transportation Network

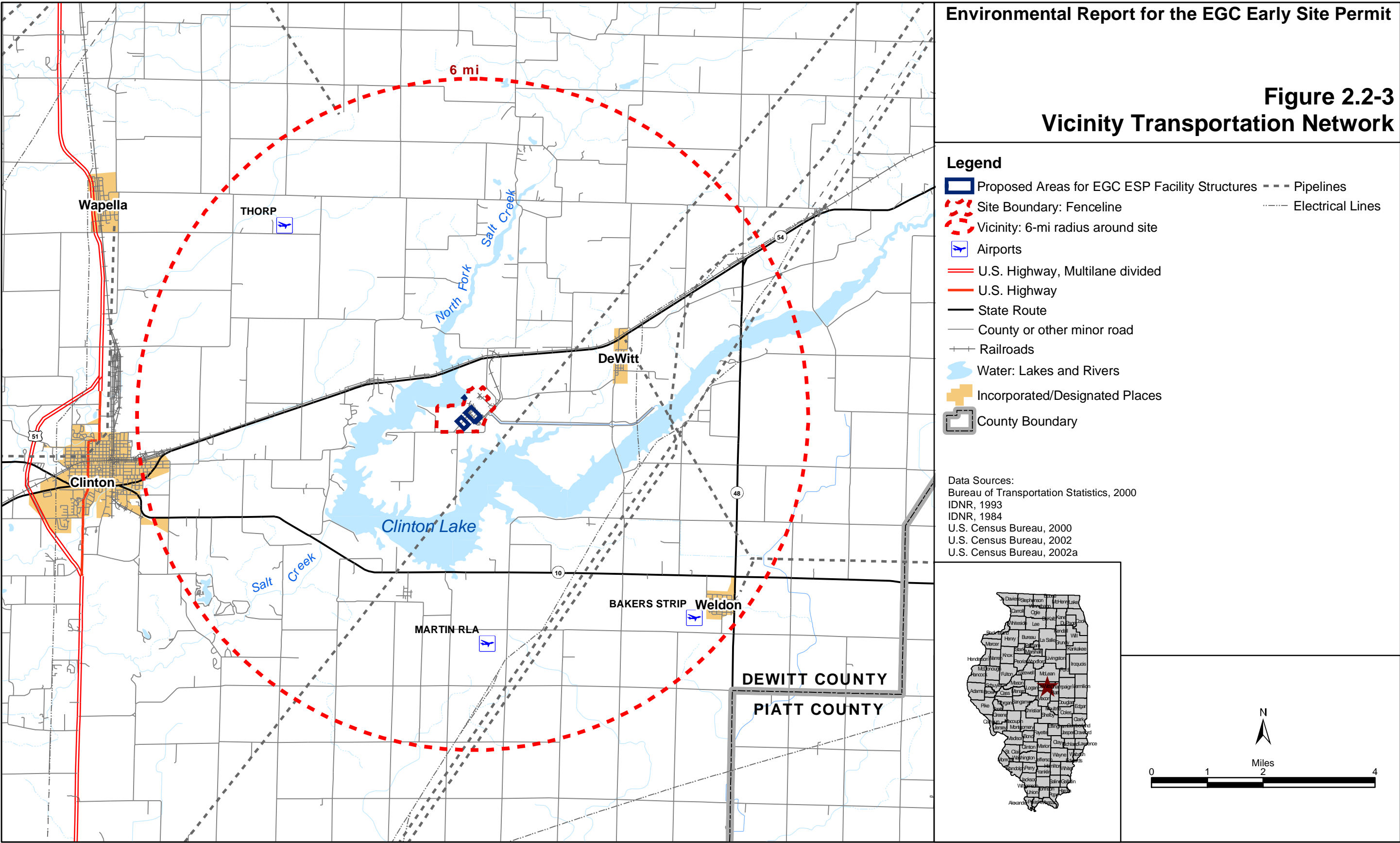
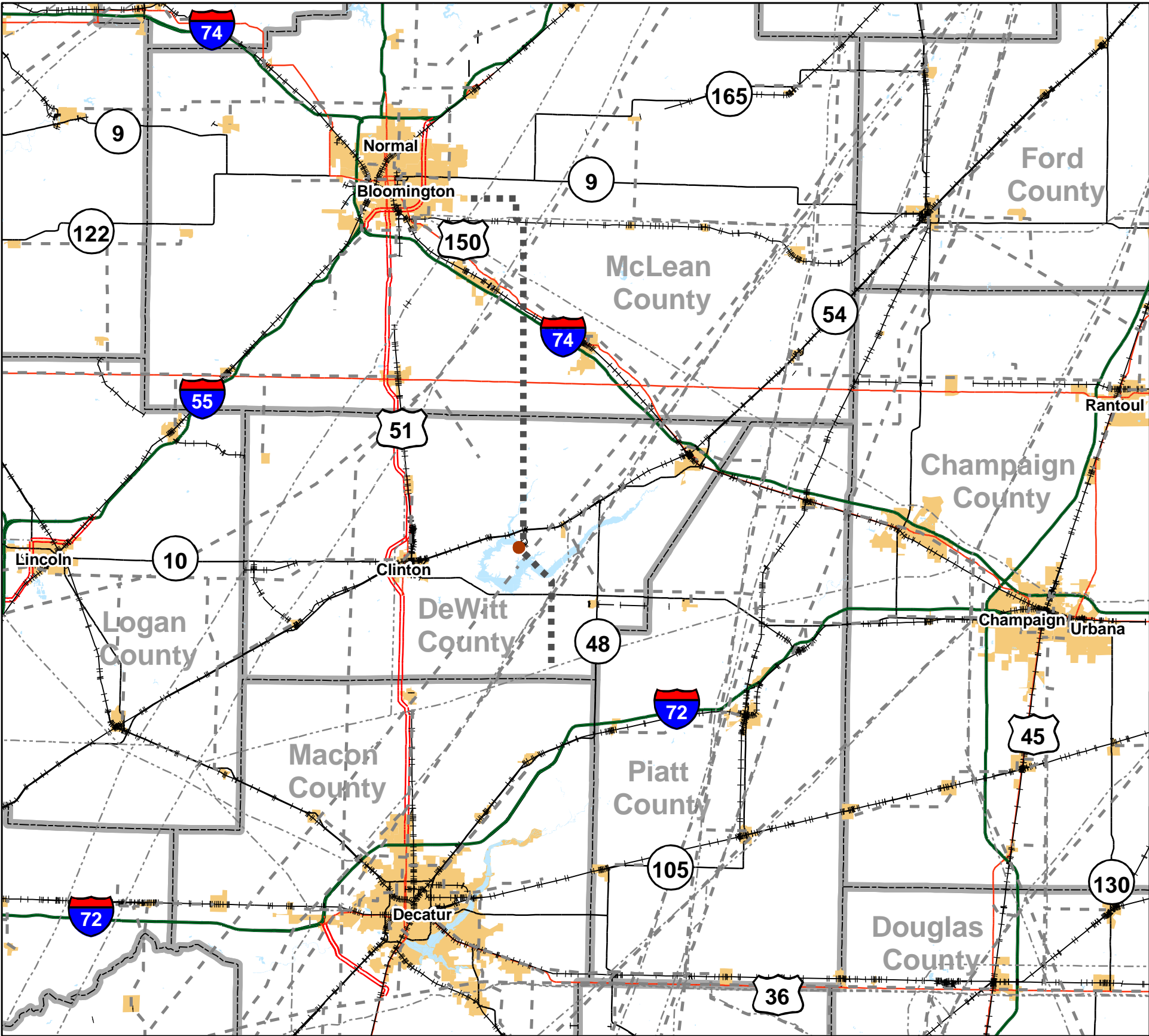


Figure 2.2-4
Proposed Transmission Line Corridor



Legend

- EGC ESP Site
- Proposed Transmission Corridor
- Pipelines
- Electrical Lines
- Interstate, Fully access controlled
- U.S. Highway, Multilane divided
- U.S. Highway
- State Route
- Railroads
- Water: Lakes and Rivers
- Incorporated/Designated Places
- County Boundary

Data Sources:
IDNR, 1993
IDNR, 1984
U.S. Census Bureau, 2000
U.S. Census Bureau, 2002
U.S. Census Bureau, 2002a

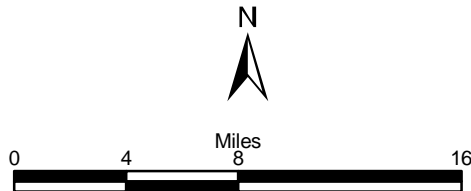


Figure 2.2-5
Land Use/Land Cover in the Region

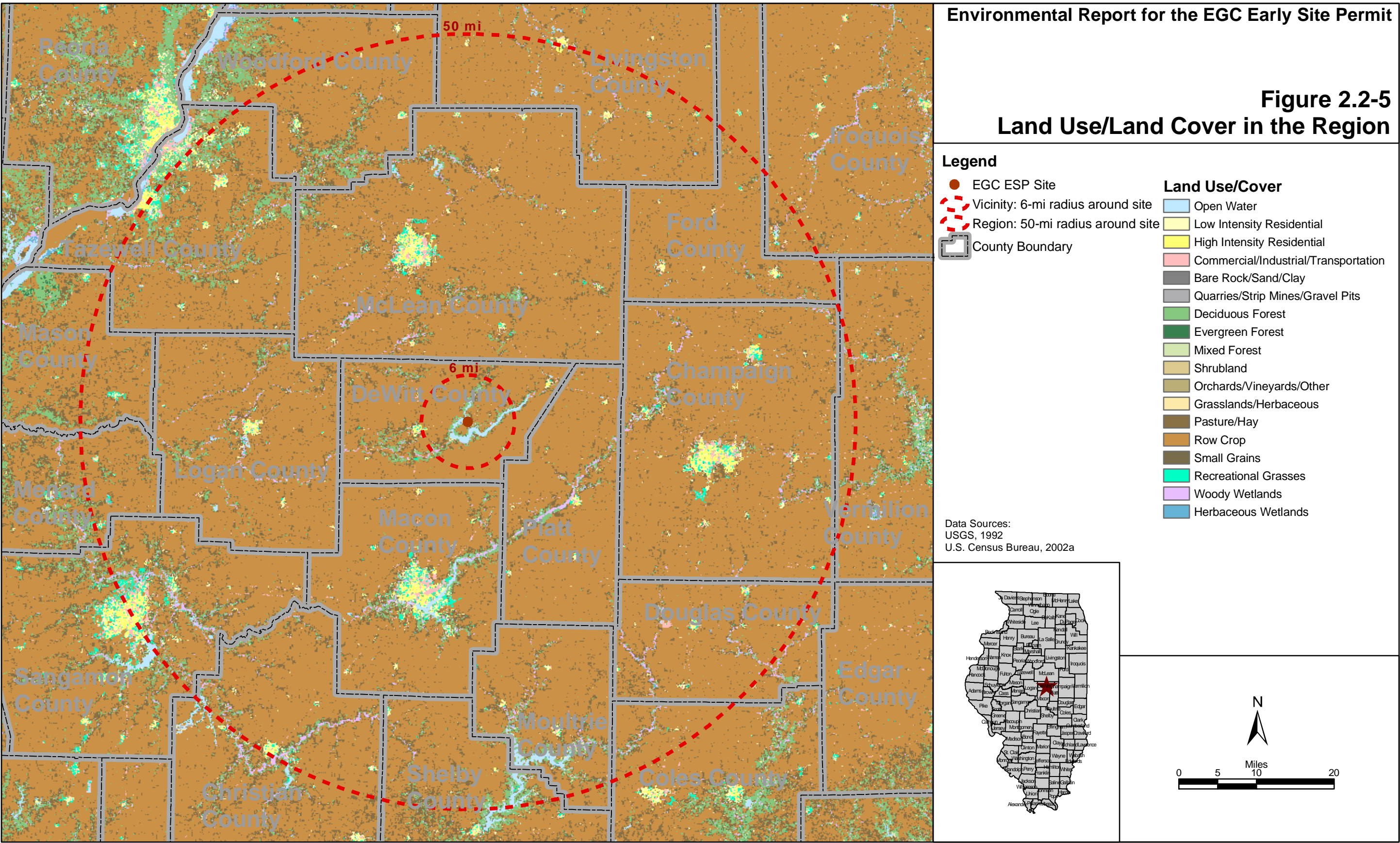


Figure 2.2-6
Regional Transportation Network

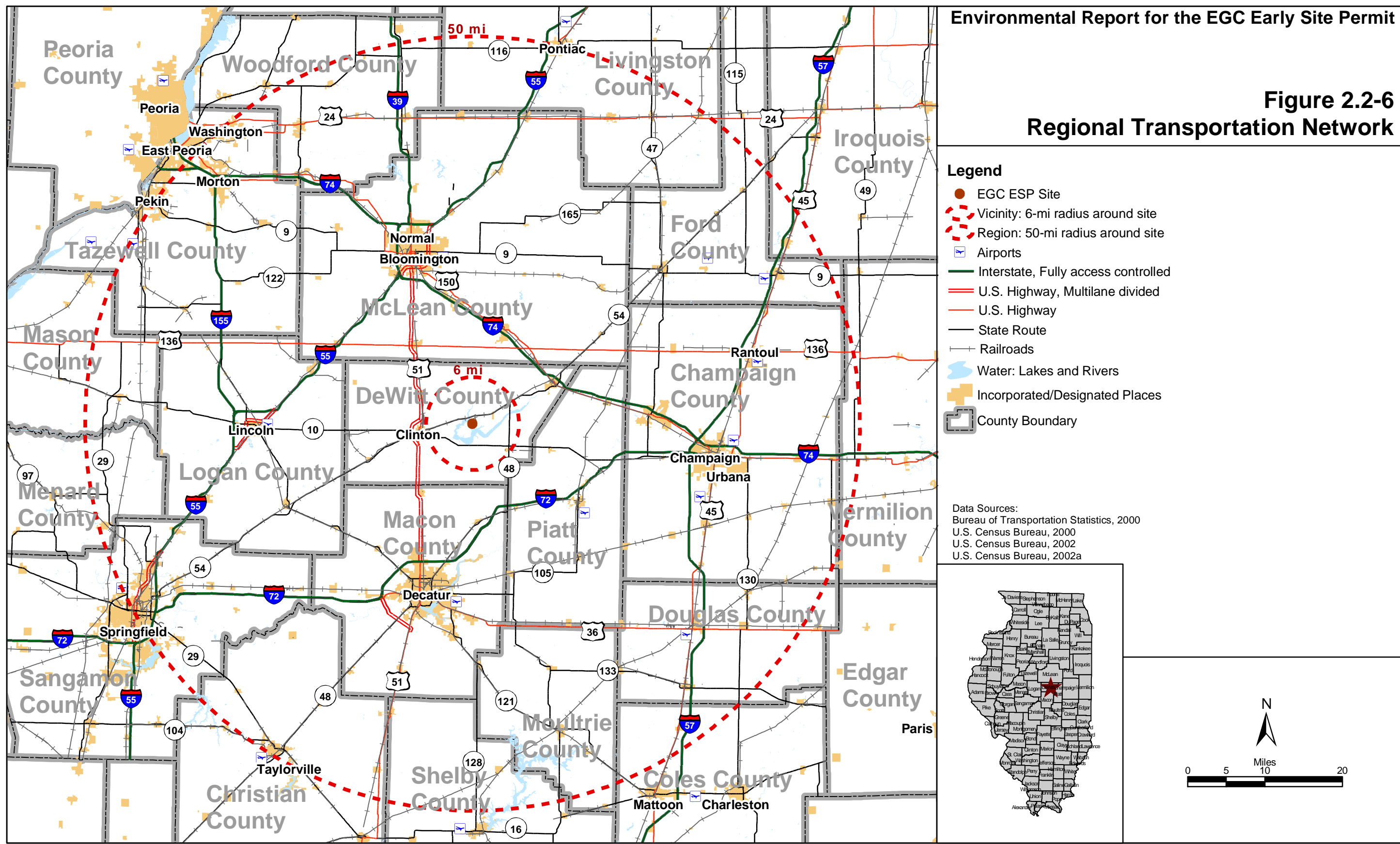
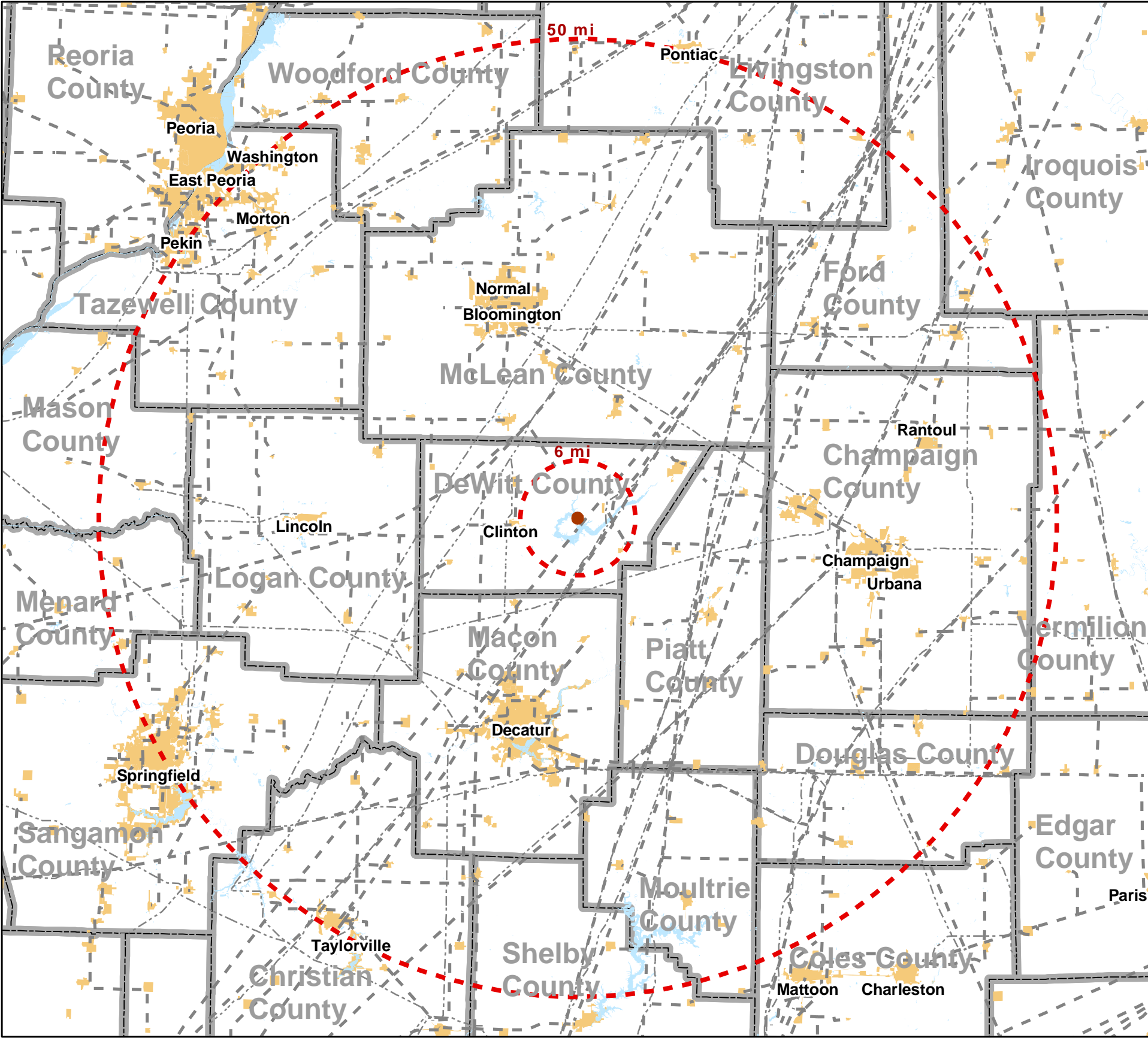


Figure 2.2-7
Regional Utility Network



- Legend**
- EGC ESP Site
 - Vicinity: 6-mi radius around site
 - Region: 50-mi radius around site
 - Pipelines
 - Electrical Lines
 - Water: Lakes and Rivers
 - Incorporated/Designated Places
 - County Boundary

Data Sources:
IDNR, 1993
IDNR, 1984
U.S. Census Bureau, 2000
U.S. Census Bureau, 2002
U.S. Census Bureau, 2002a

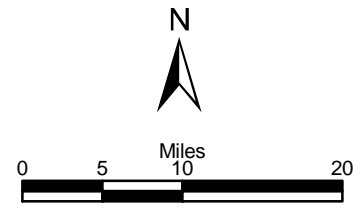


Figure 2.2-8
Regional Recreational Areas

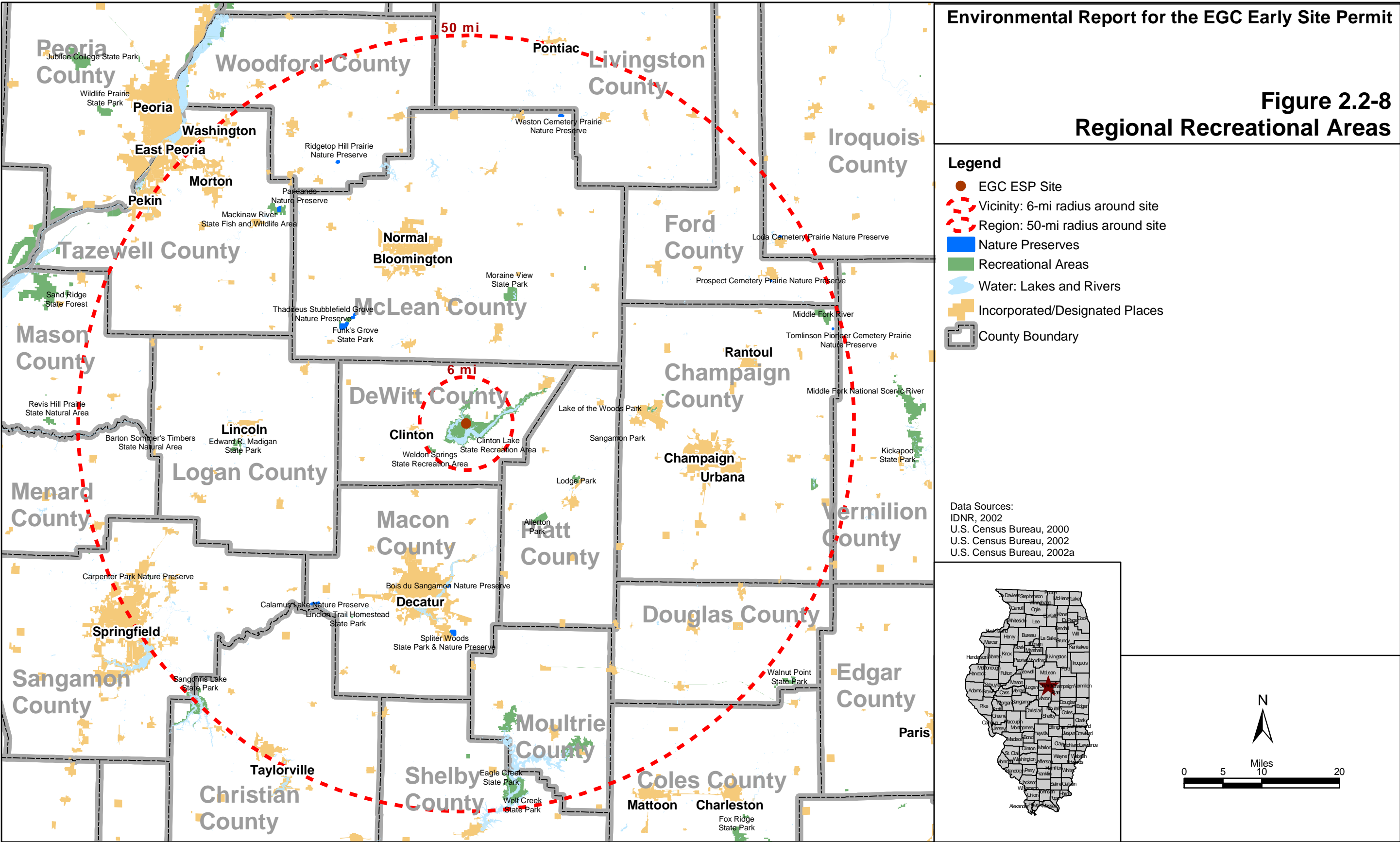
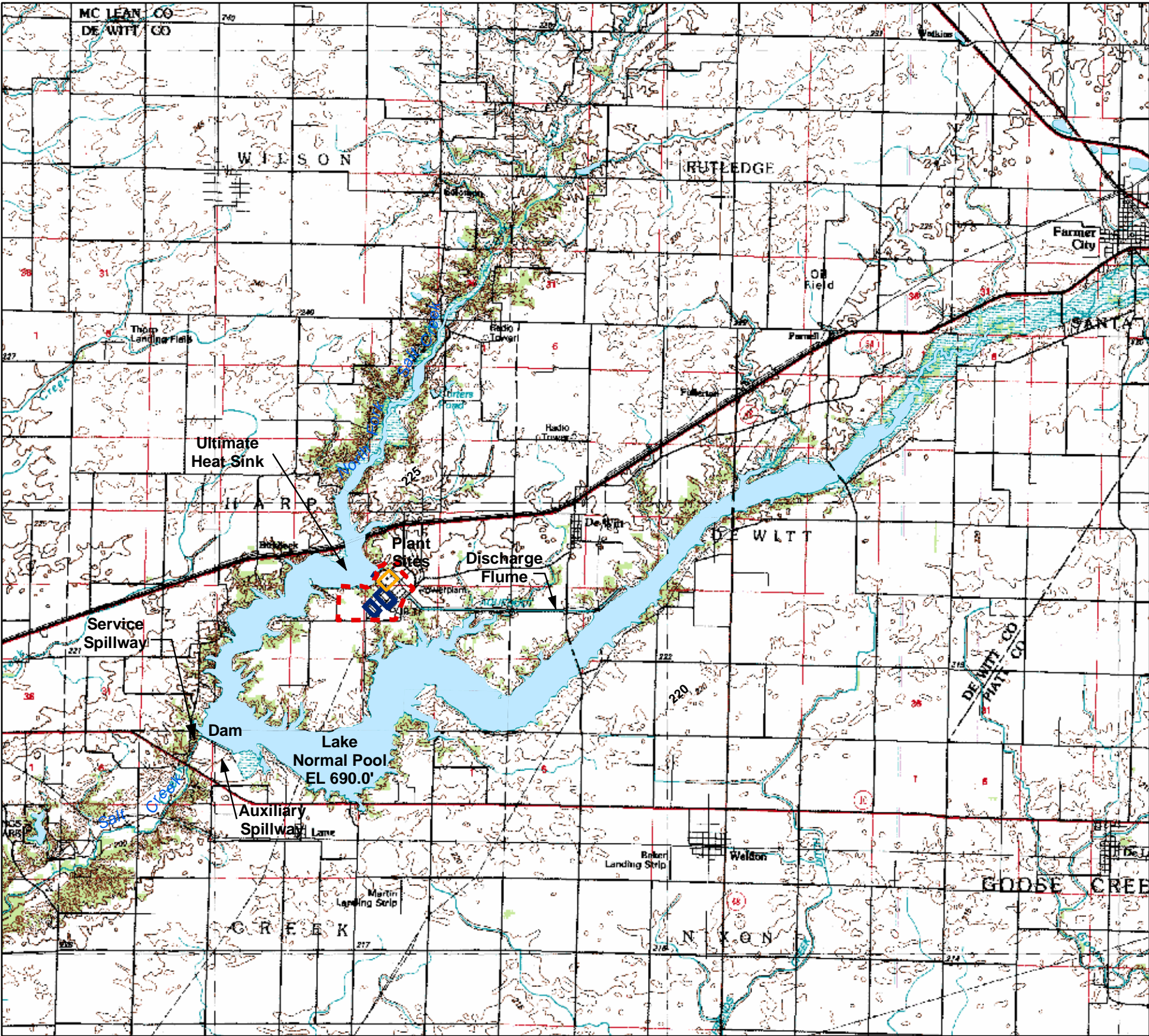


Figure 2.3-1
Plant Location
and Clinton Lake Impoundment



Legend

- CPS Facility
- Proposed Areas for EGC ESP Facility Structures
- Site Boundary: Fenceline
- Water: Lakes and Rivers

Data Sources:
U.S. Census Bureau, 2000
USGS, 1984 and 1989

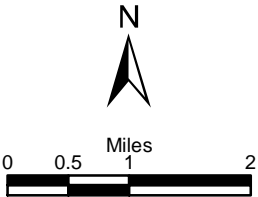
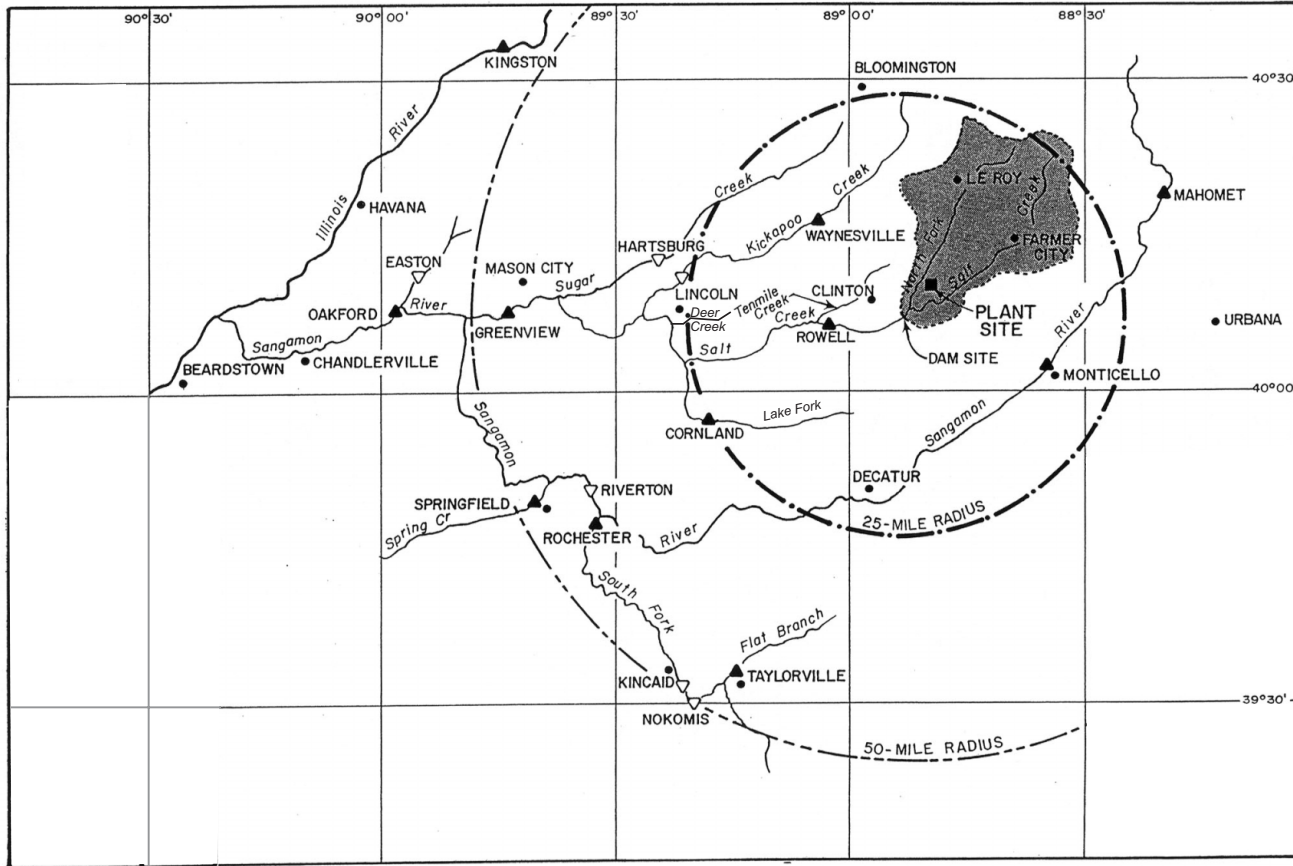


Figure 2.3-2
Hydrologic Network
Sangamon River Basin



Legend

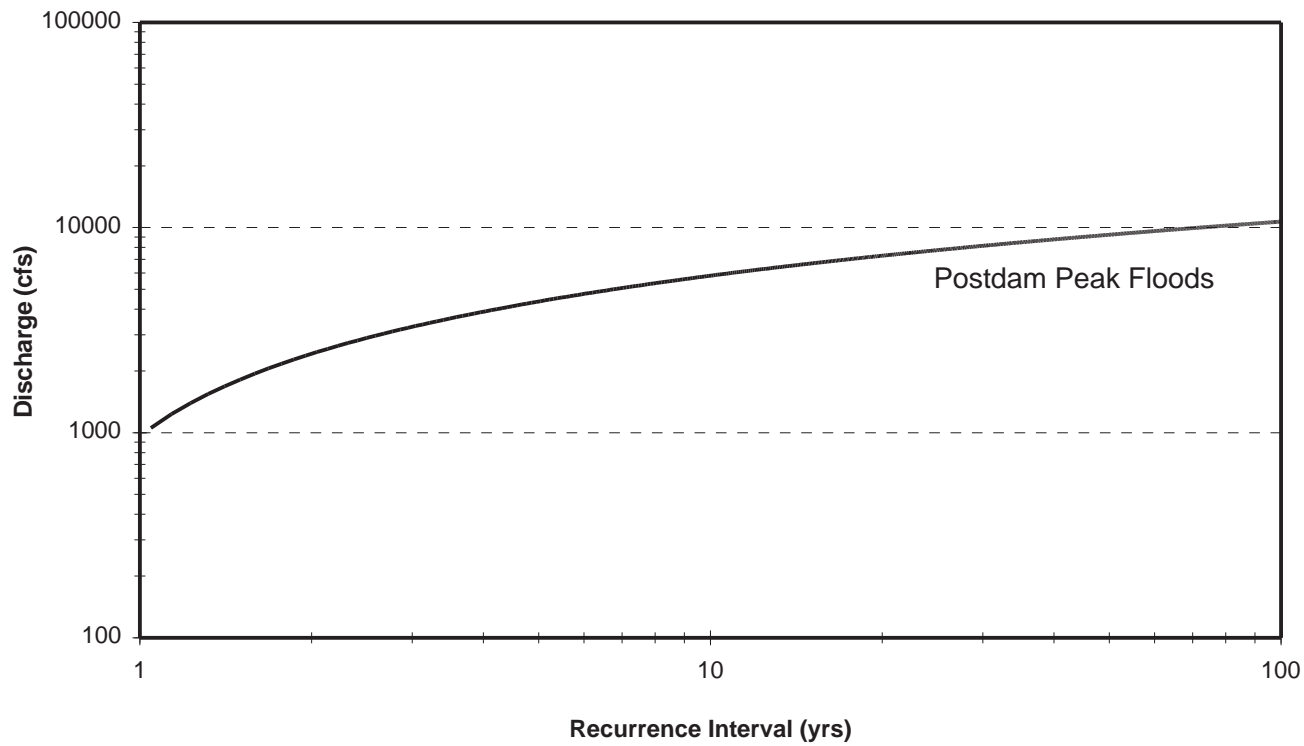
- ▲ Recording Station
- ▽ Discontinued Station
- Cities

Data Source:
CPS, 1982



N
Not to Scale

Figure 2.3-3
Postdam Peak Flood
Magnitudes and Frequencies for
Salt Creek at Rowell Gauge Station

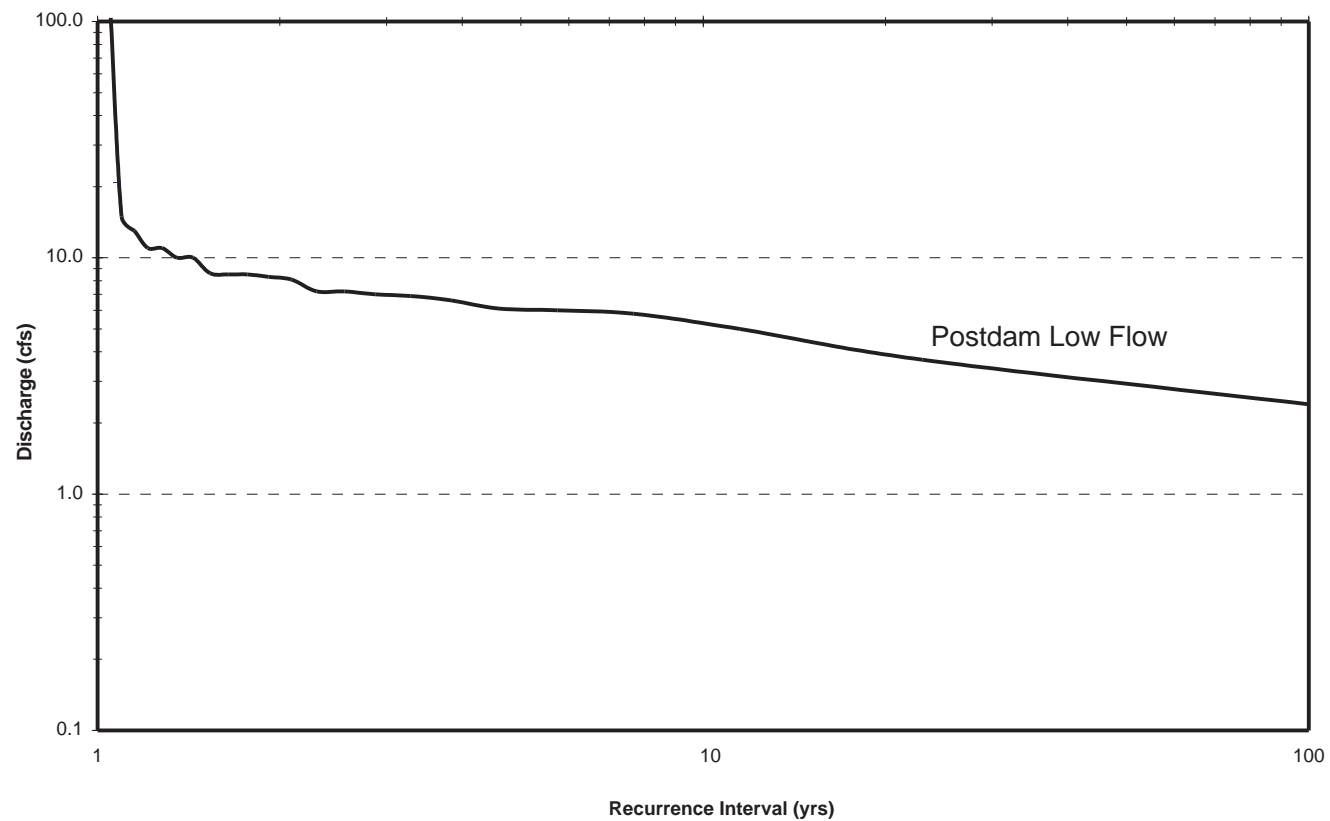


Data Source:
USGS, 2002

Not to Scale

Figure 2.3-4

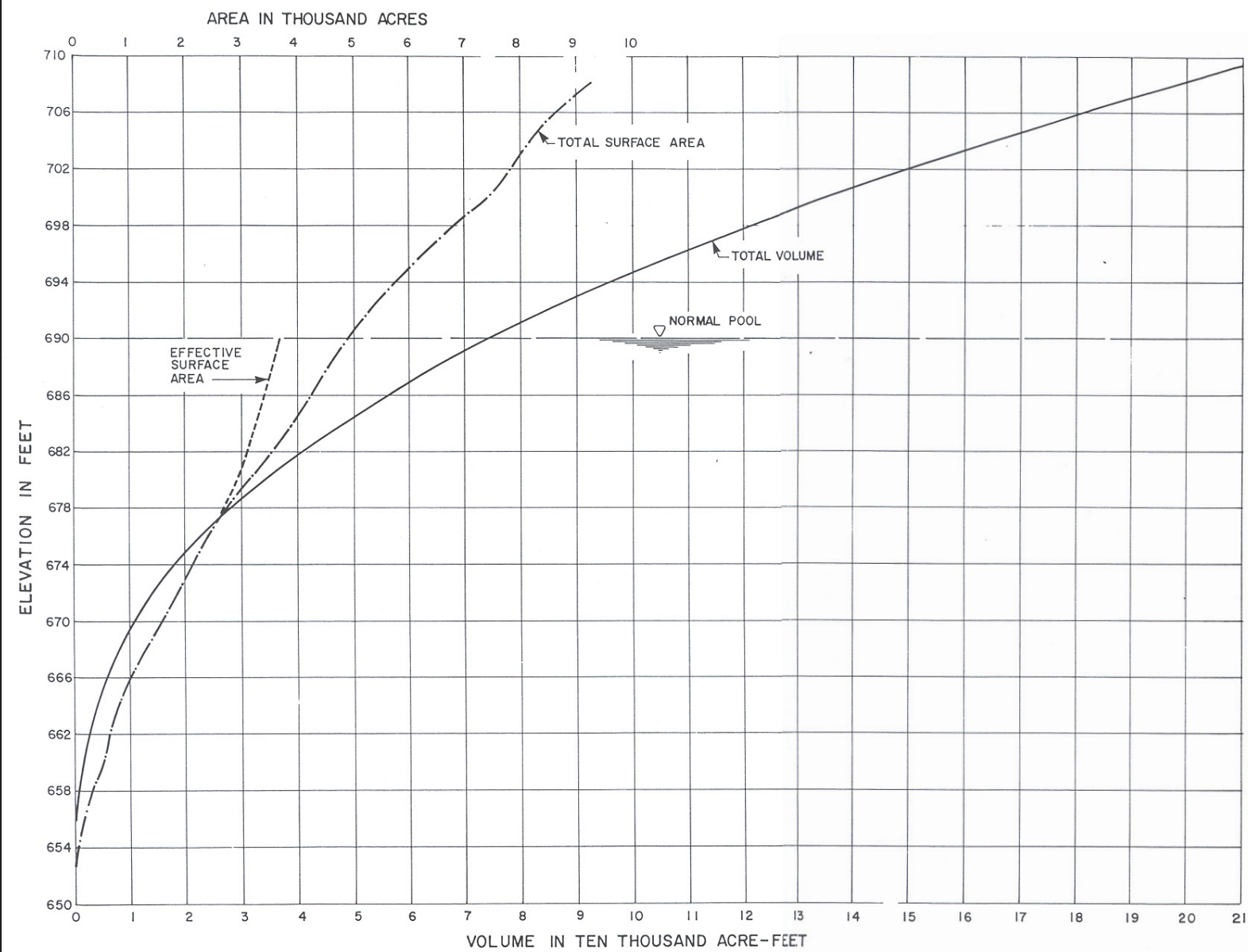
**Postdam 1-Day Duration,
Low-Flow Magnitudes and
Frequencies for Salt Creek at
Rowell Gauge Station**



Data Source:
USGS, 2002

Not to Scale

Figure 2.3-5
Lake Elevation-
Area Capacity Curves



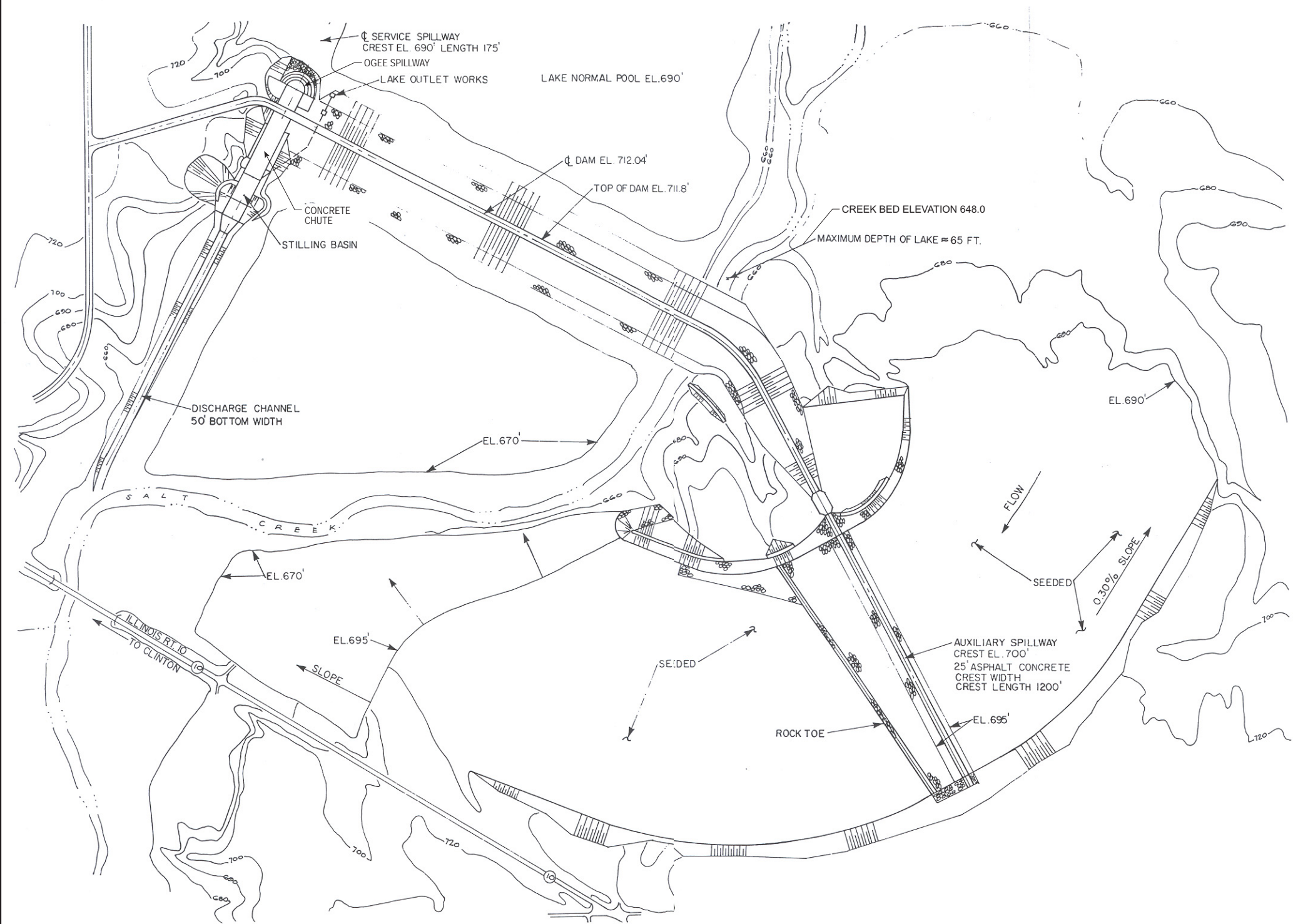
ELEVATION IN FEET	AREA IN ACRES	CAPACITY IN ACRE- FEET
680	3,100	33,900
682	3,550	40,600
684	3,930	48,000
686	4,250	56,000
688	4,520	64,800
690	4,895	74,200
692	5,210	83,600
694	5,700	95,000
696	6,140	106,300
698	6,800	120,000
700	7,380	133,300
702	7,800	149,000
704	8,180	164,300
706	8,600	182,000
708	9,260	199,200

- Legend
- Effective Surface Area
 - Total Surface Area
 - Total Volume

Data Source:
CPS, 1982

Not to Scale

Figure 2.3-6
Plan of Main Dam, Spillways,
and Outlet Works



Data Source:
CPS, 1982



Not to Scale