

# Final Environmental Impact Statement

## Page Avenue Extension

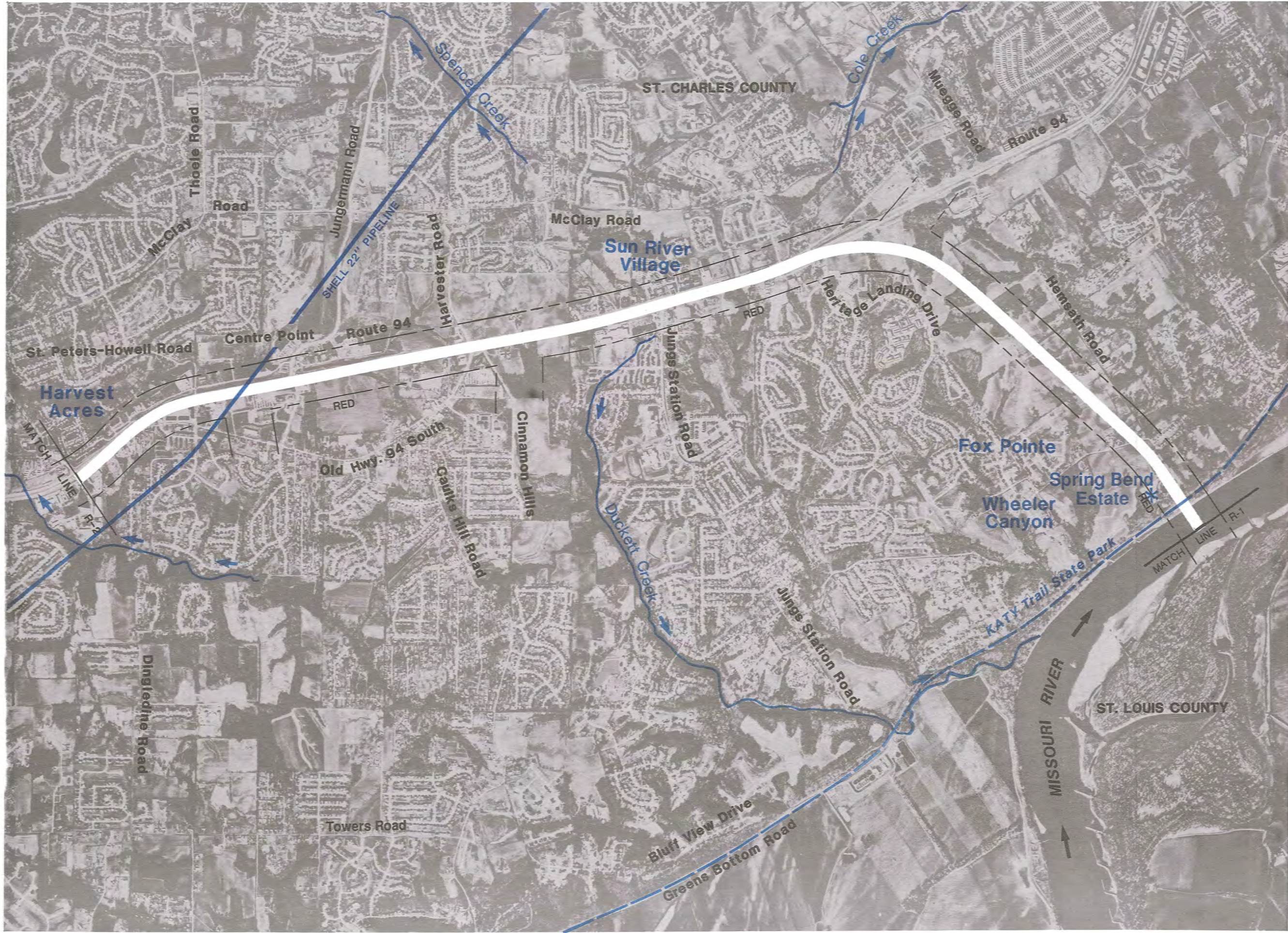
St. Charles and St. Louis Counties, Missouri

Approximate Scale 1" = 2000'



Project Alignment and Features

Figure 3.2.1



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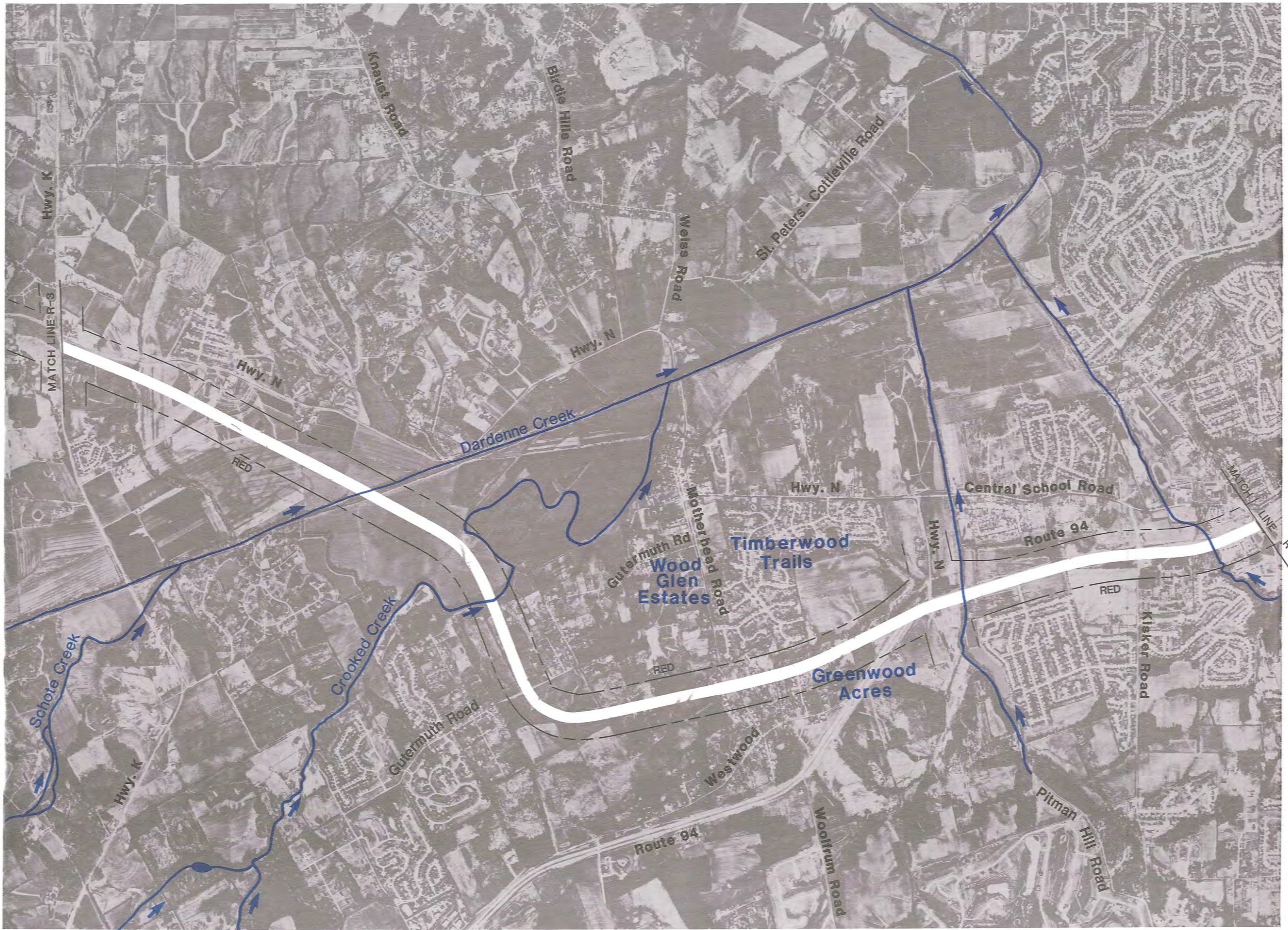
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**Project Alignment and Features**

**Figure 3.2.2**



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**Page Avenue Extension**  
St. Charles and St. Louis Counties, Missouri

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NORTH

**Project Alignment and Features**

**Figure 3.2.3**



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## Page Avenue Extension

St. Charles and St. Louis Counties, Missouri

Approximate Scale 1" = 2000'



Project Alignment and Features

Figure 3.2.4



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**Page Avenue Extension**

St. Charles and St. Louis Counties, Missouri

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**Project Alignment and Features**

**Figure 3.2.5**



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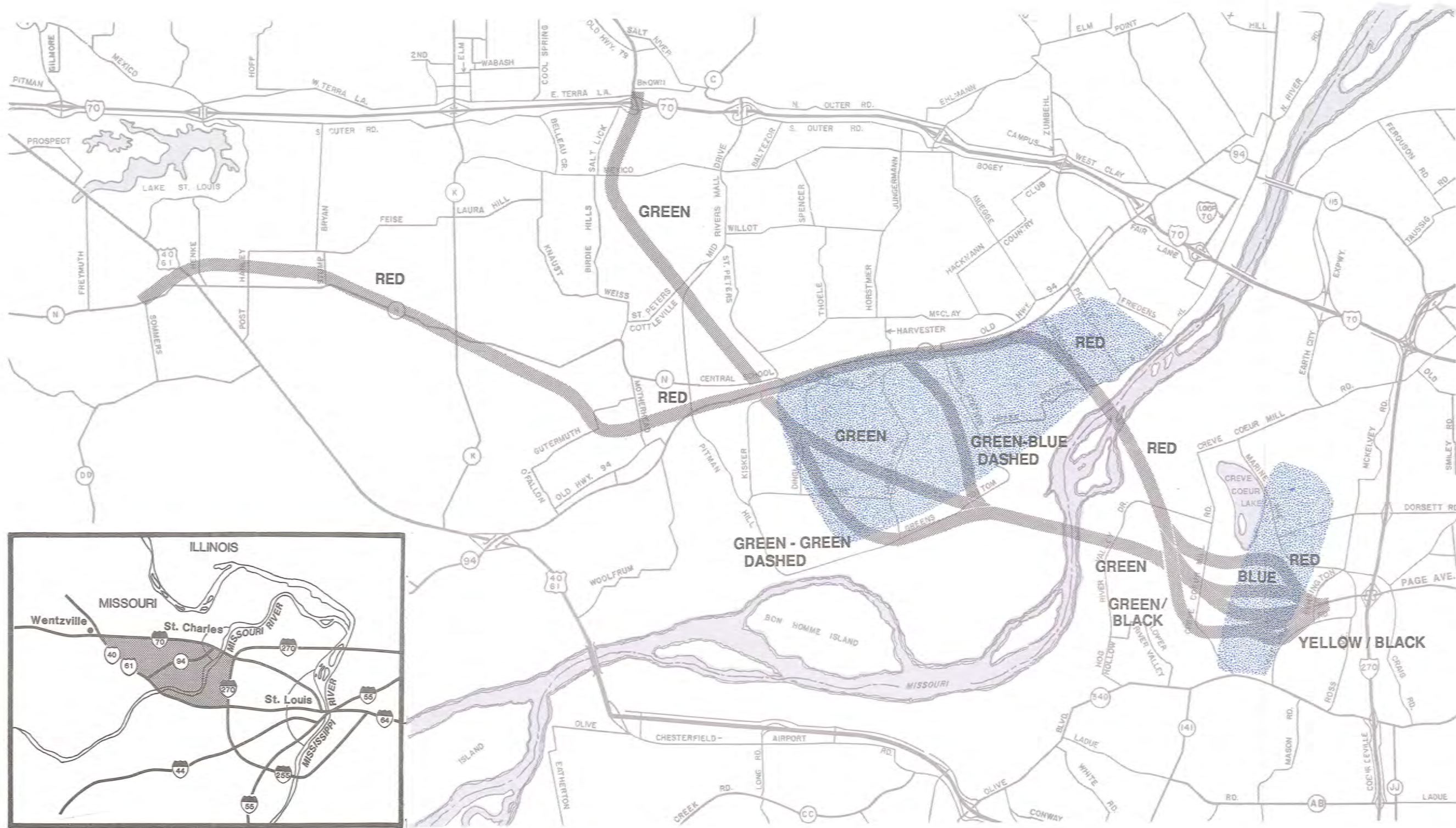
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Project Alignment and Features

Figure 3.2.6



SOURCES: Engineering Geology of Creve Coeur Quadrangle, Missouri Geological Survey.

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St. Charles and St. Louis Counties, Missouri

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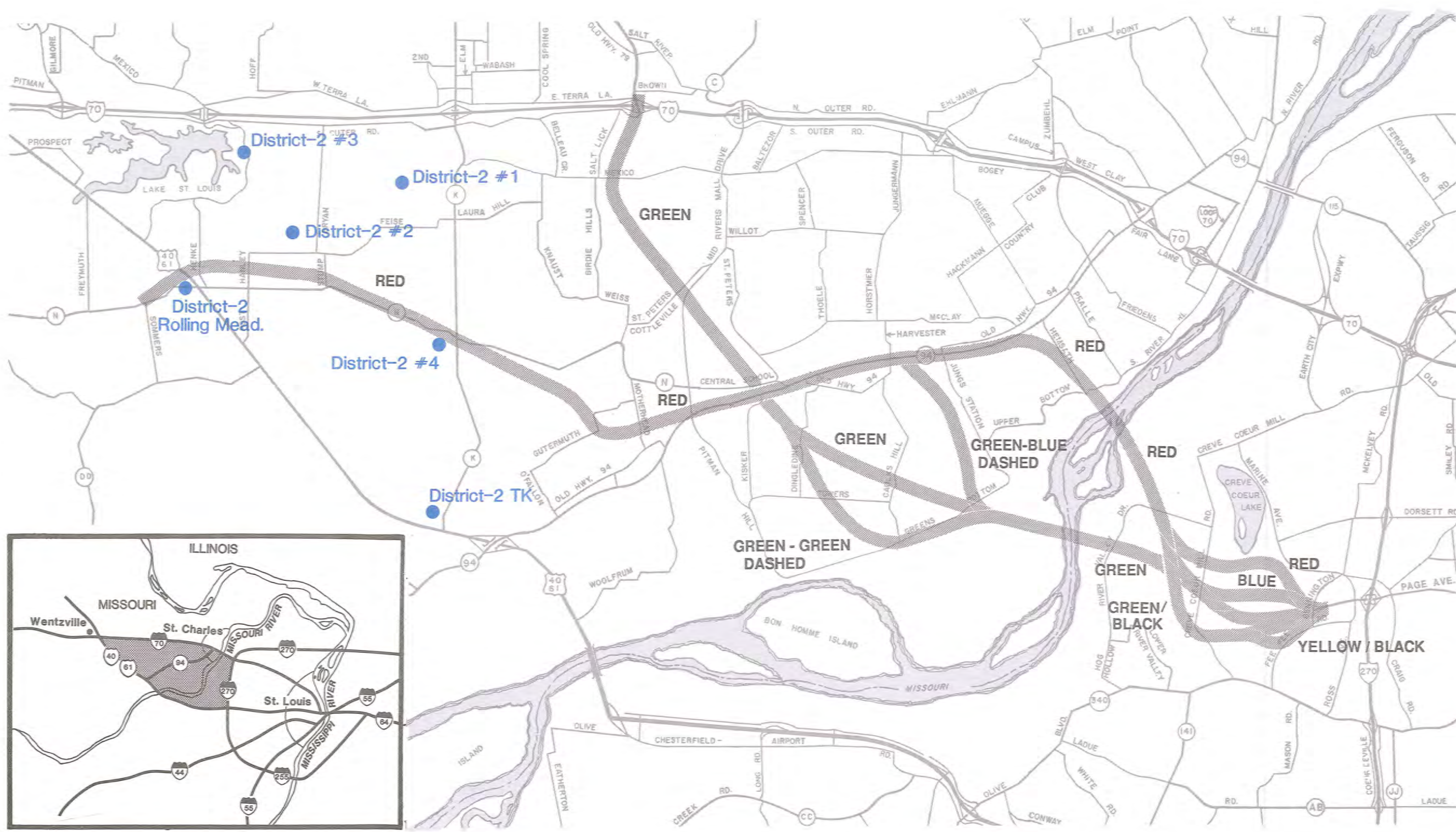


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Potential Karst Areas

Figure 3.3



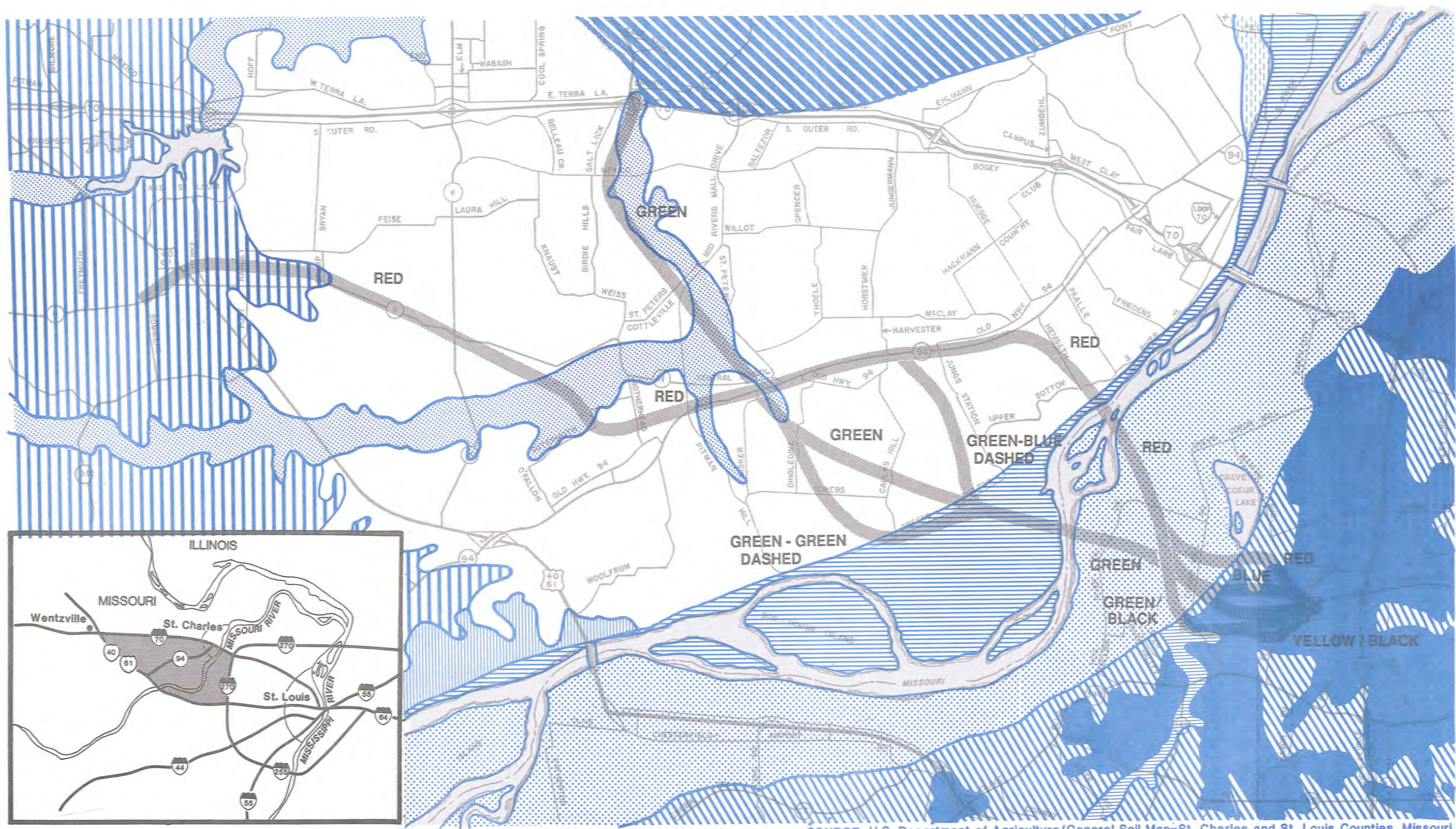


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**Page Avenue Extension**  
 St. Charles and St. Louis Counties, Missouri












Approximate Scale 1" - 8000'





SOURCE: U.S. Department of Agriculture/General Soil Map—St. Charles and St. Louis Counties, Missouri.

**LEGEND**

- |  |   |   |  |
|--|---|---|--|
| <p> <b>Armster-Mexico-Hatton association:</b> Gently sloping and moderately sloping, moderately well drained and somewhat poorly drained soils formed in loess and clayey glacial till; on uplands</p> <p> <b>Menfro-Harvester-Weller association:</b> Nearly level to steep, well drained and moderately well drained soils formed in loess and silty fill material; on uplands</p> <p> <b>Portage-Carlow-Kampville association:</b> Nearly level, very poorly drained to somewhat poorly drained soils formed in clayey and silty alluvium; on flood plains</p> | <p> <b>Haynie-Blake-Waldron association:</b> Nearly level, well drained and somewhat poorly drained soils formed in silty, loamy, and clayey alluvium; on flood plains</p> <p> <b>Goss-Crider-Gatewood association:</b> Moderately sloping to very steep, well drained soils formed in loess and residuum weathered from cherty dolomite, shale, and limestone; on uplands</p> <p> <b>Dockery-Haymond-Sensabaugh association:</b> Nearly level, somewhat poorly drained and well drained soils formed in silty and cherty, loamy alluvium; on flood plains</p> | <p> <b>Lomax-Blase association:</b> Nearly level, well drained and somewhat poorly drained soils formed in loamy, sandy and clayey alluvium; on terraces</p> <p> <b>Blake-Eudora-Waldron association:</b> Nearly level, somewhat poorly drained and well drained, deep soils formed in alluvial sediment; on flood plains</p> <p> <b>Wilbur-Haymond-Elsah association:</b> Nearly level and gently sloping, moderately well drained to somewhat excessively drained, deep soils formed in alluvial sediment; on flood plains</p> | <p> <b>Menfro-Winfield-Urban association:</b> Gently sloping to very steep, well drained and moderately well drained, deep soils formed in loess, and Urban land; on uplands</p> <p> <b>Urban land-Harvester-Fishpot association:</b> Urban land and nearly level to moderately steep, moderately well drained and somewhat poorly drained, deep soils formed in silty fill material, loess, and alluvium; on uplands, terraces, and bottomlands</p> |
|--|---|---|--|

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# Vegetative Cover

LEGEND – Figures 3.6.1 thru 3.6.6



Cultivated



Pasture



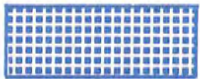
Developed



Upland Woods



Grass-Old Field



Emergent Wetland



Wetland Woods



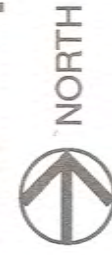
Open Water



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**Vegetative Cover**

**Figure 3.6.1**



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**Vegetative Cover**

**Figure 3.6.2**



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Vegetative Cover

Figure 3.6.3



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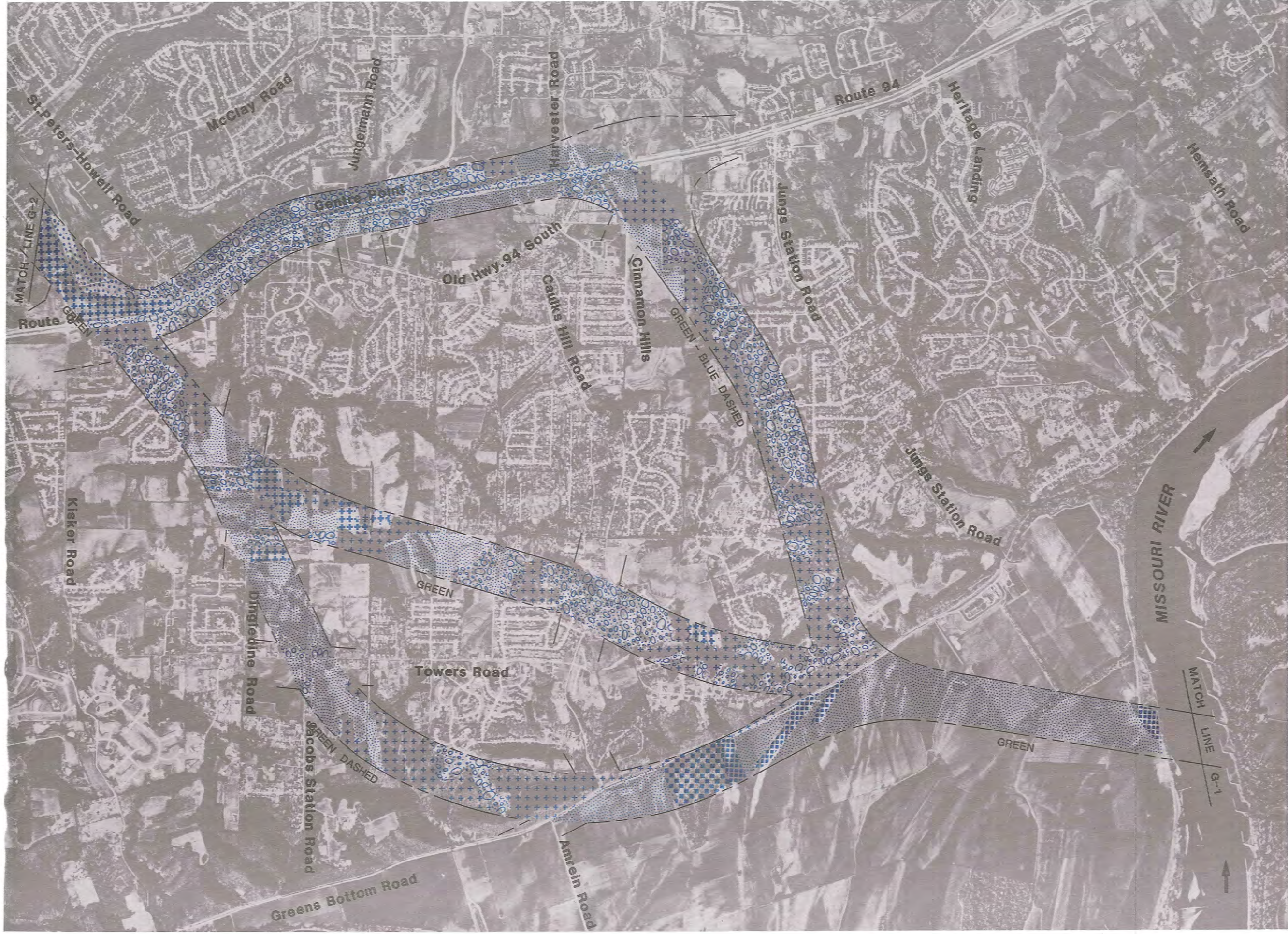
Approximate Scale 1" = 2000'



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Vegetative Cover

Figure 3.6.4



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St. Charles and St. Louis Counties, Missouri

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Vegetative Cover

Figure 3.6.5





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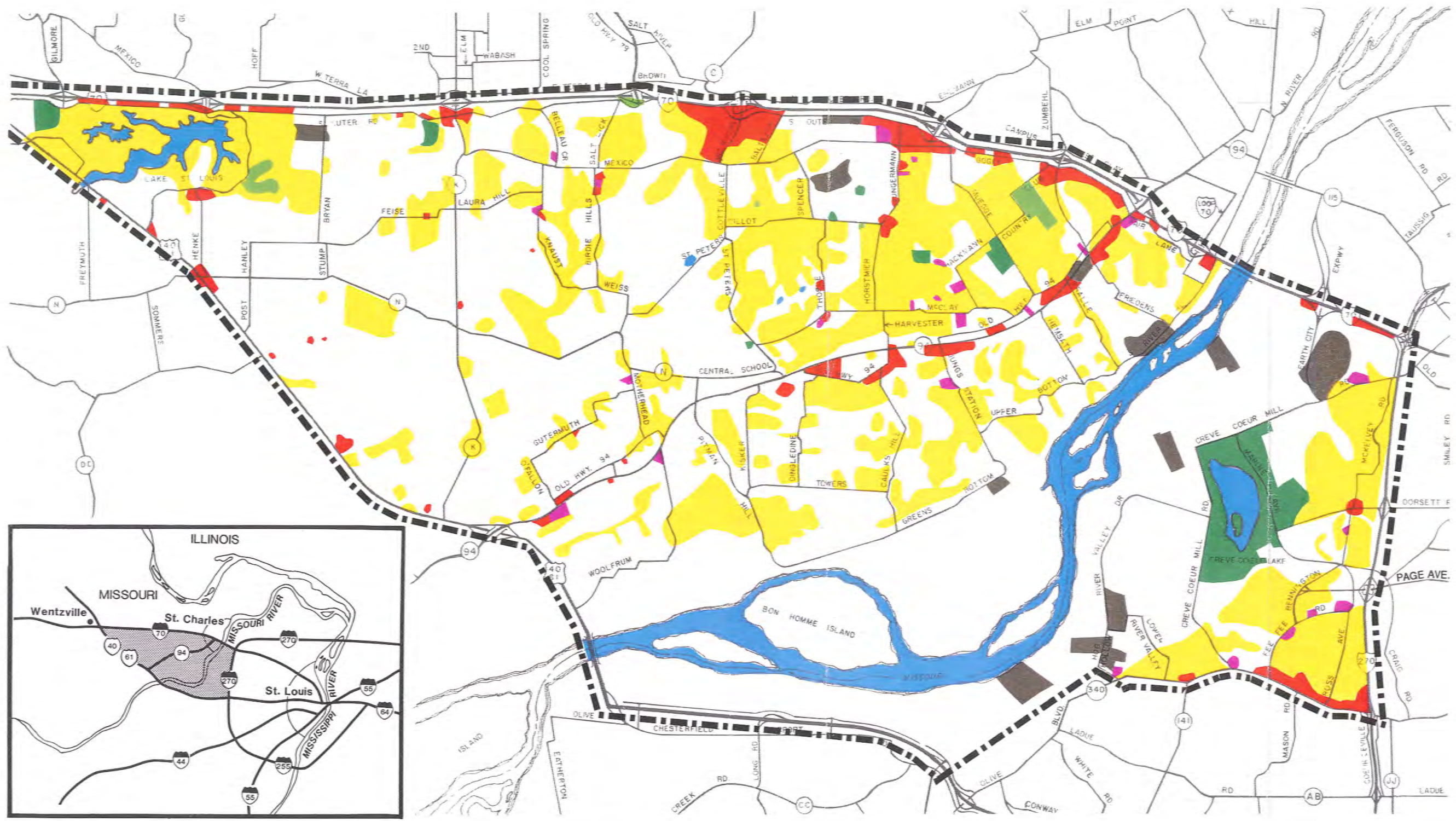
St. Charles and St. Louis Counties, Missouri

Approximate Scale 1" = 2000'



**Vegetative Cover**

**Figure 3.6.6**



**LEGEND**

- |   |  |
|---|--|
|  Major Bodies of Water       |  Residential                        |
|  Commercial/Services/Offices |  Non-Urban/Agricultural/ Floodplain |
|  Industrial                  |  Major Parks                        |
|  Public/Community Facilities |  Major Recreation Facilities        |

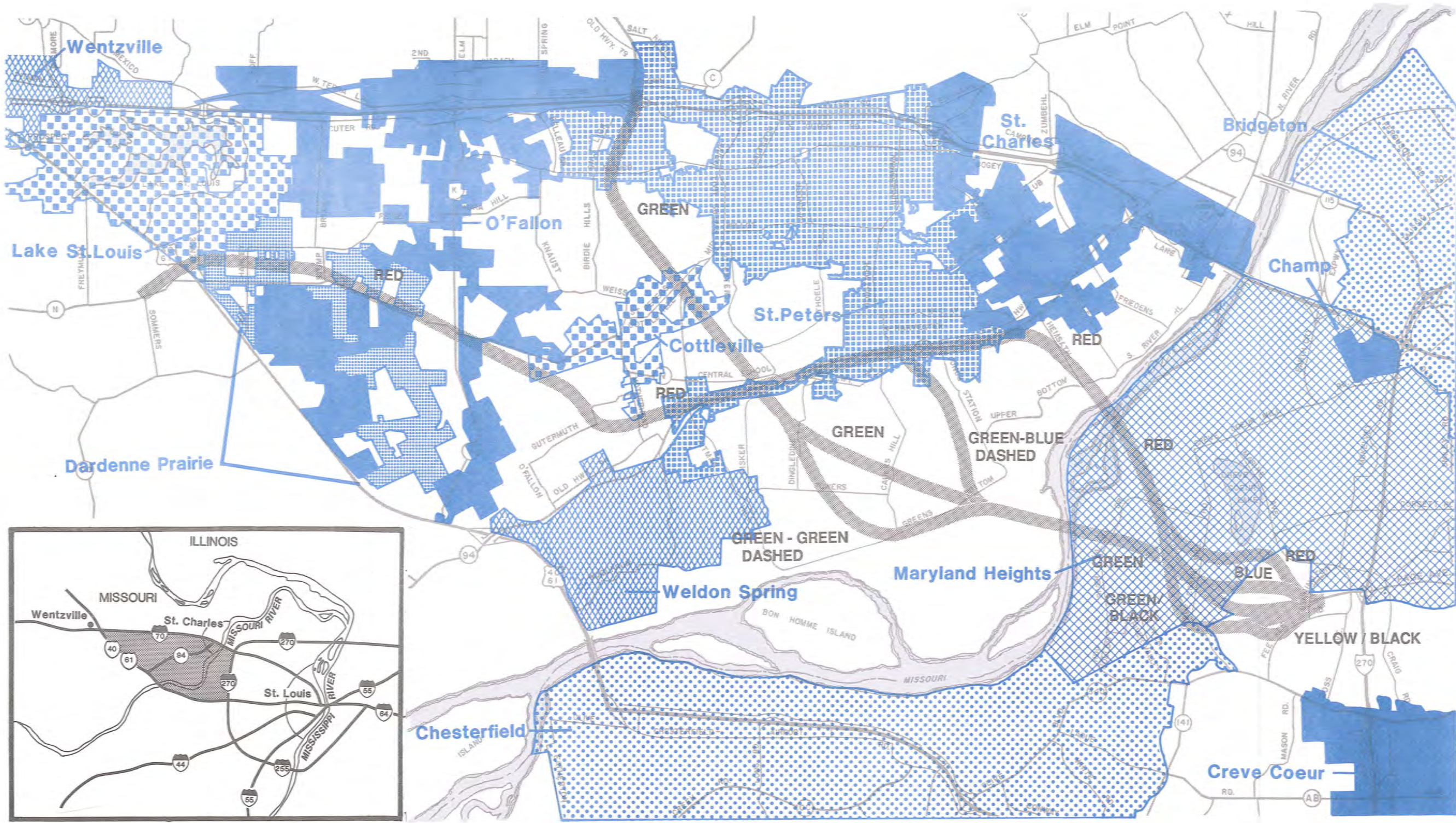
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**St. Charles and St. Louis Counties, Missouri**



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Generalized Land Use

Figure 3.7



Source: East West Gateway Coordinating Council  
December 1991

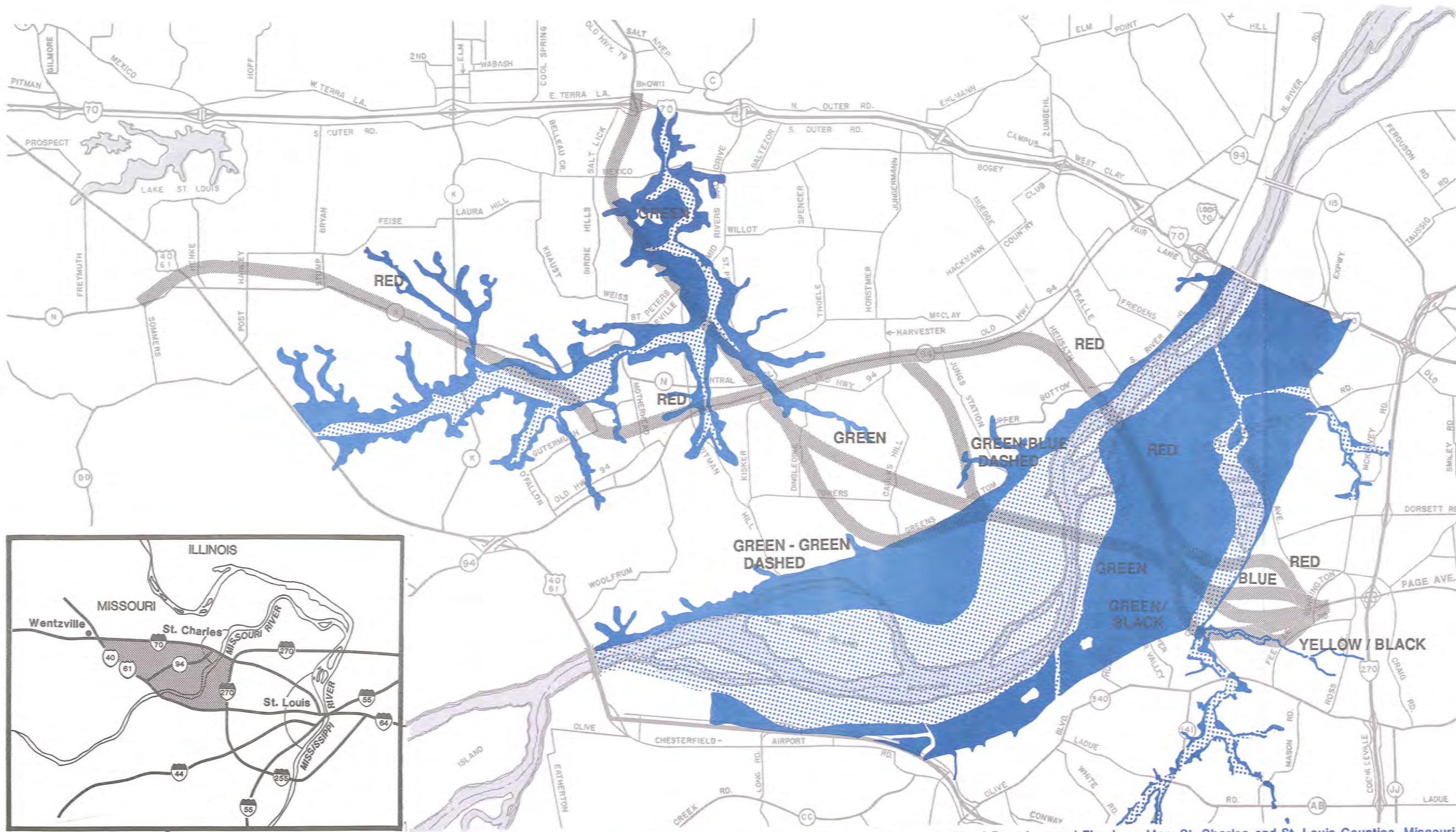
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**Municipal Boundaries**

**Figure 3.8**



SOURCE: Federal Emergency Management Agency/Flood Boundary and Floodway Map—St. Charles and St. Louis Counties, Missouri.

**LEGEND**

- 100 - Year Flood Boundary
  - FLOODWAY FRINGE
  - 100 - Year Flood Boundary
- 

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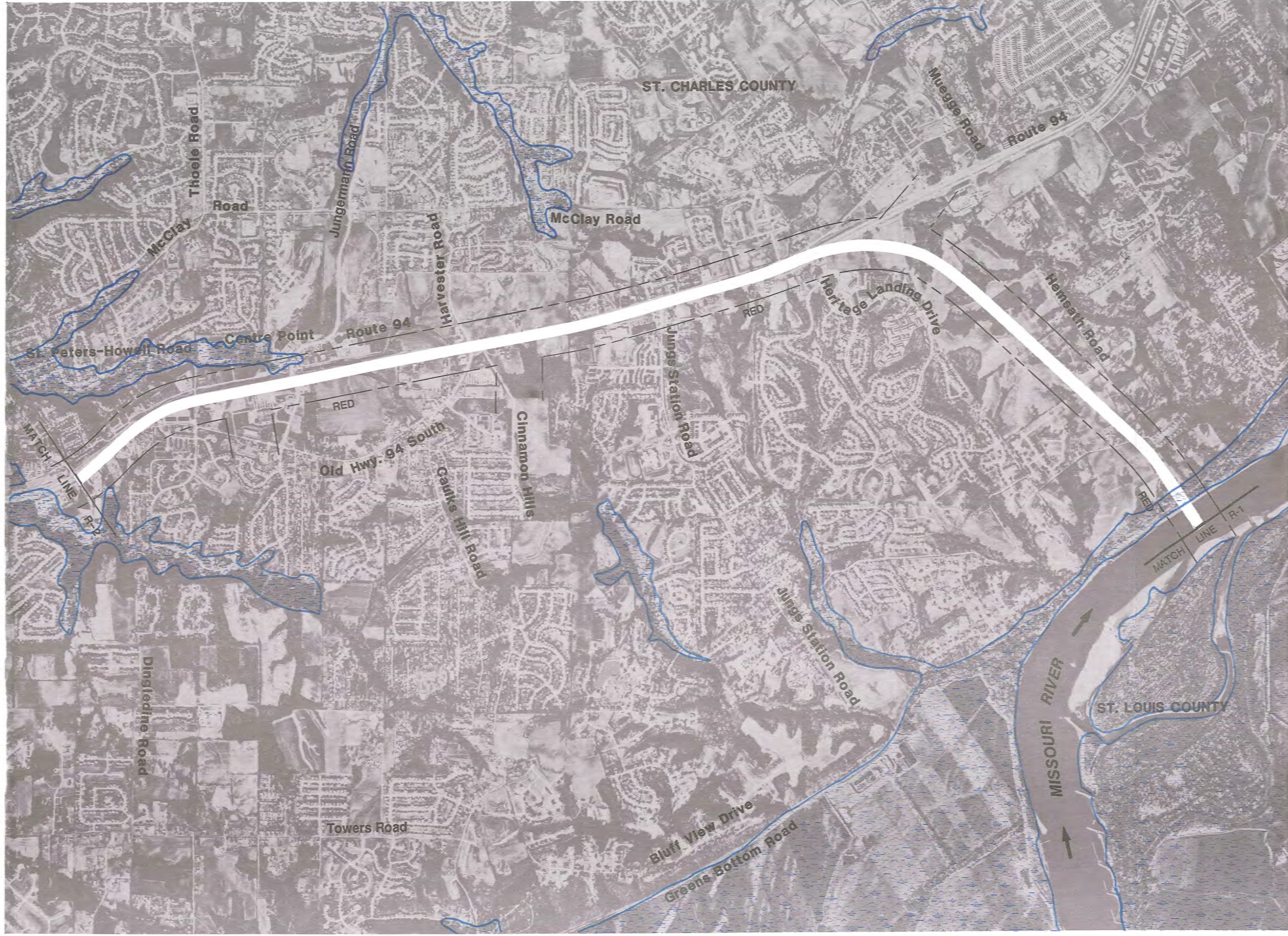
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Hydric Soils

Figure 3.10.1



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Hydric Soils

Figure 3.10.2



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Hydric Soils

Figure 3.10.3



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Hydric Soils

Figure 3.10.4





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Hydric Soils

Figure 3.10.5



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Hydric Soils

Figure 3.10.6



# Land Use

LEGEND – Figures 4.1.1 thru 4.1.6



Residential



Water



Commercial



Industrial



Public



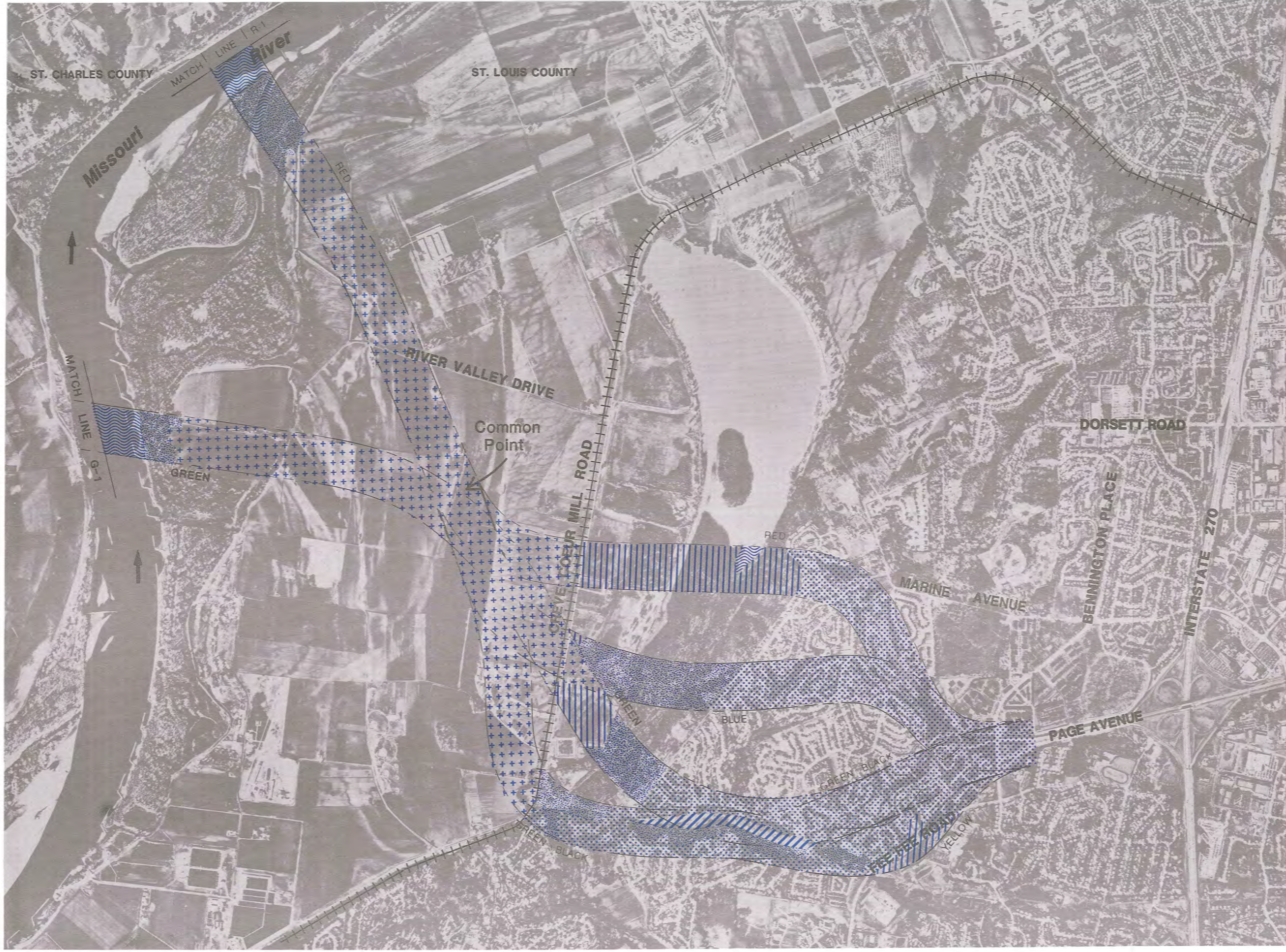
Parks and Recreation



Agricultural



Open/Undeveloped



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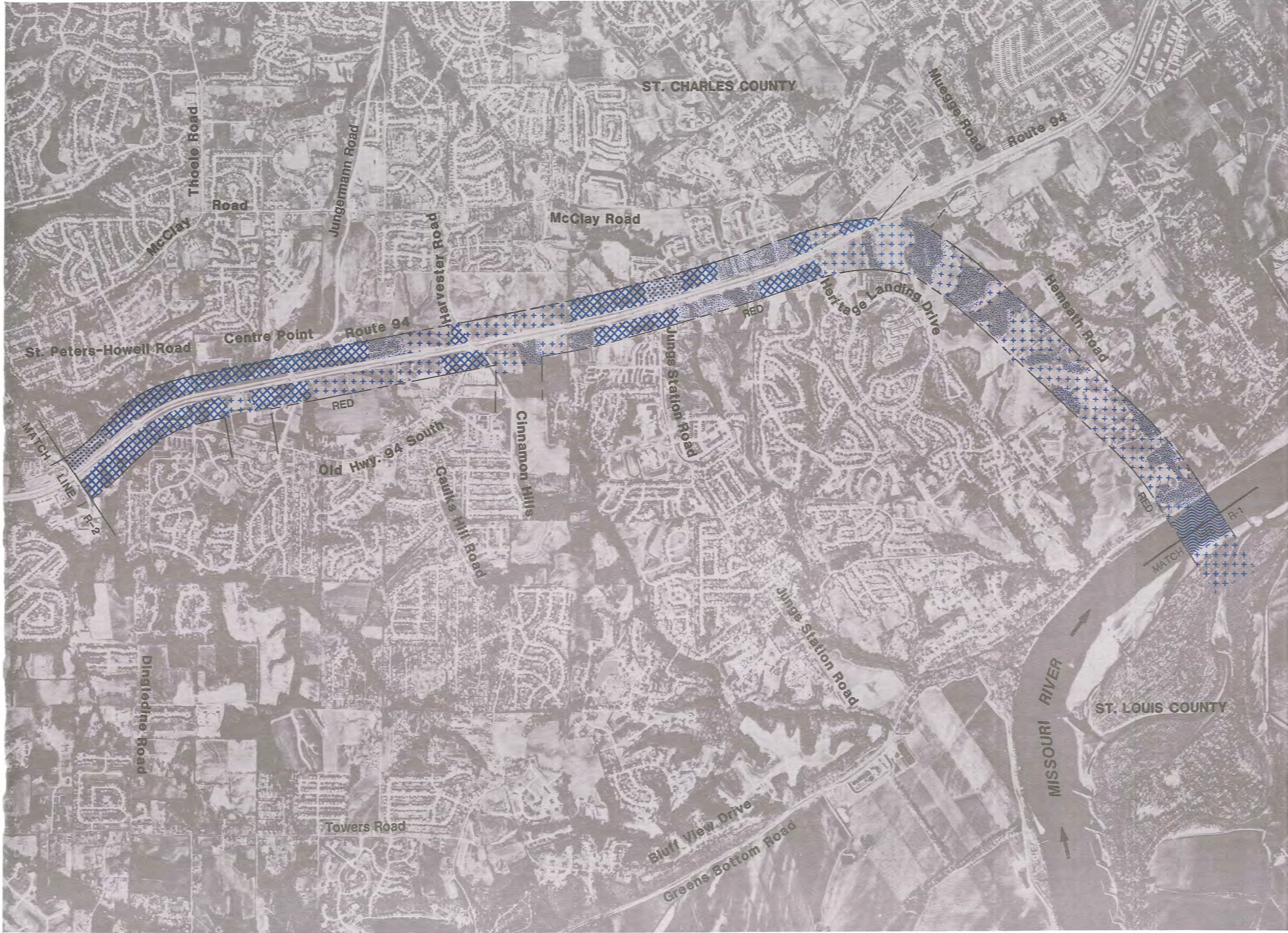
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Land Use

Figure 4.1.1



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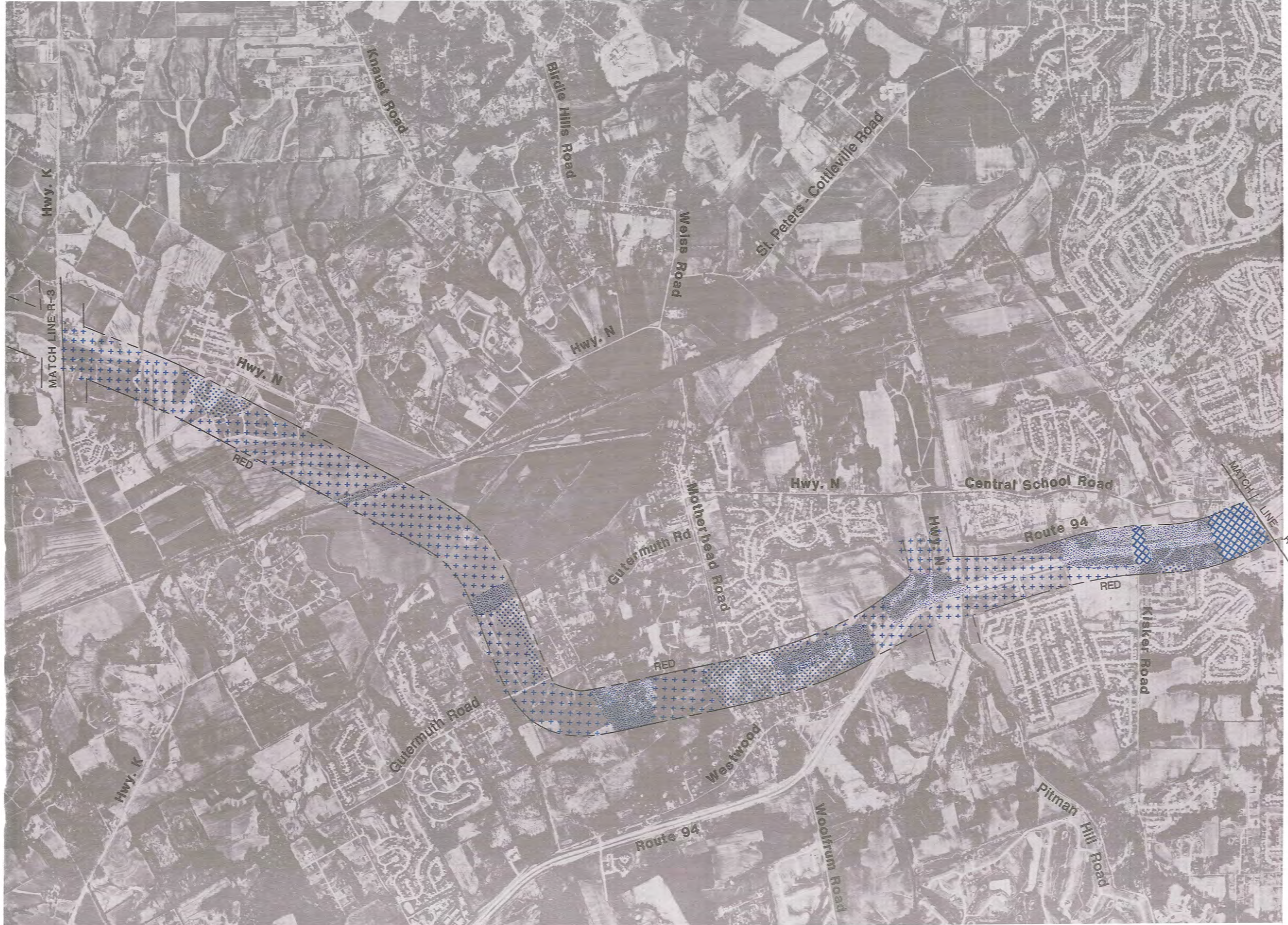
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Land Use

Figure 4.1.2



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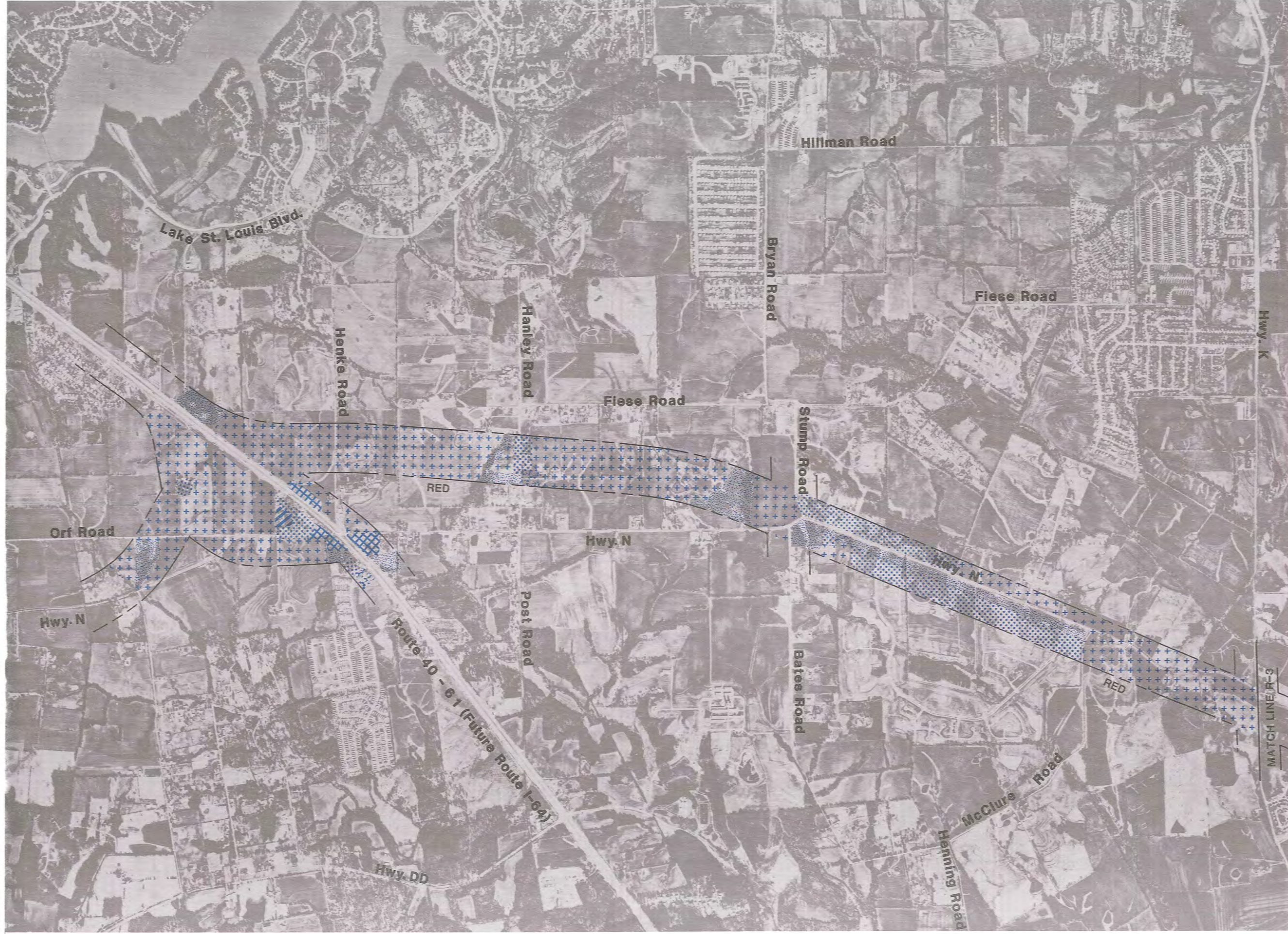
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Land Use

Figure 4.1.3



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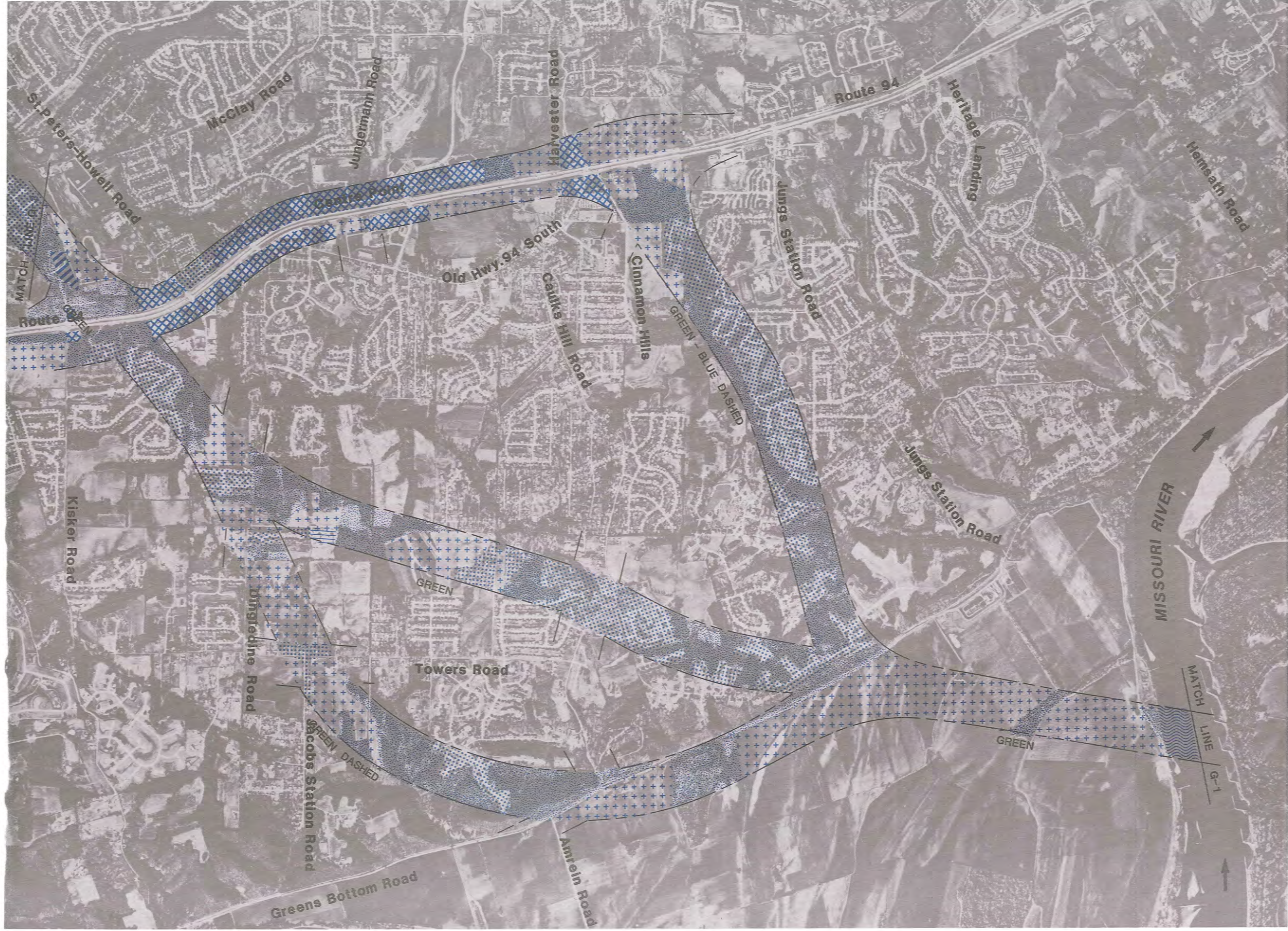


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Land Use

Figure 4.1.4





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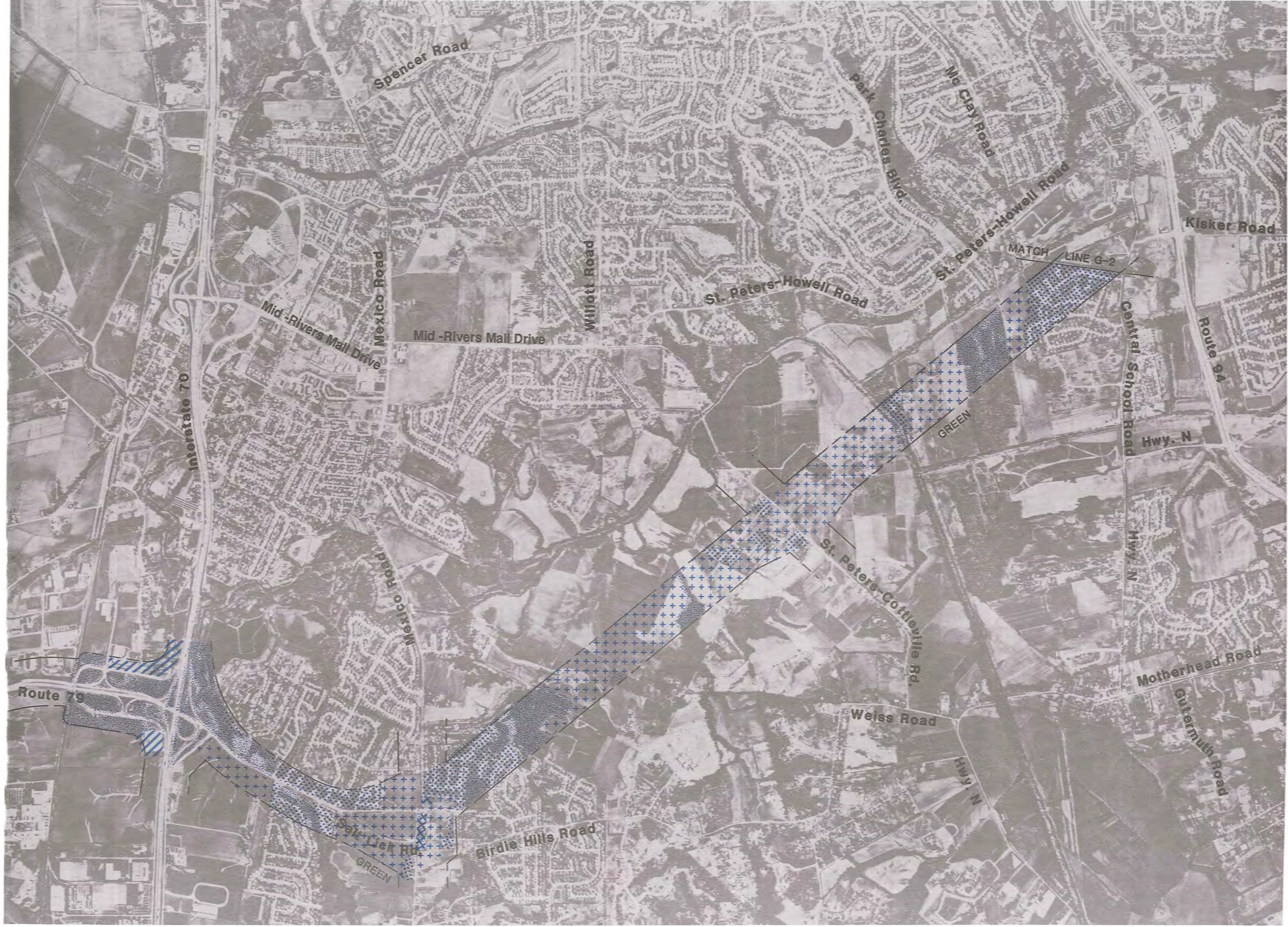
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Land Use

Figure 4.1.5



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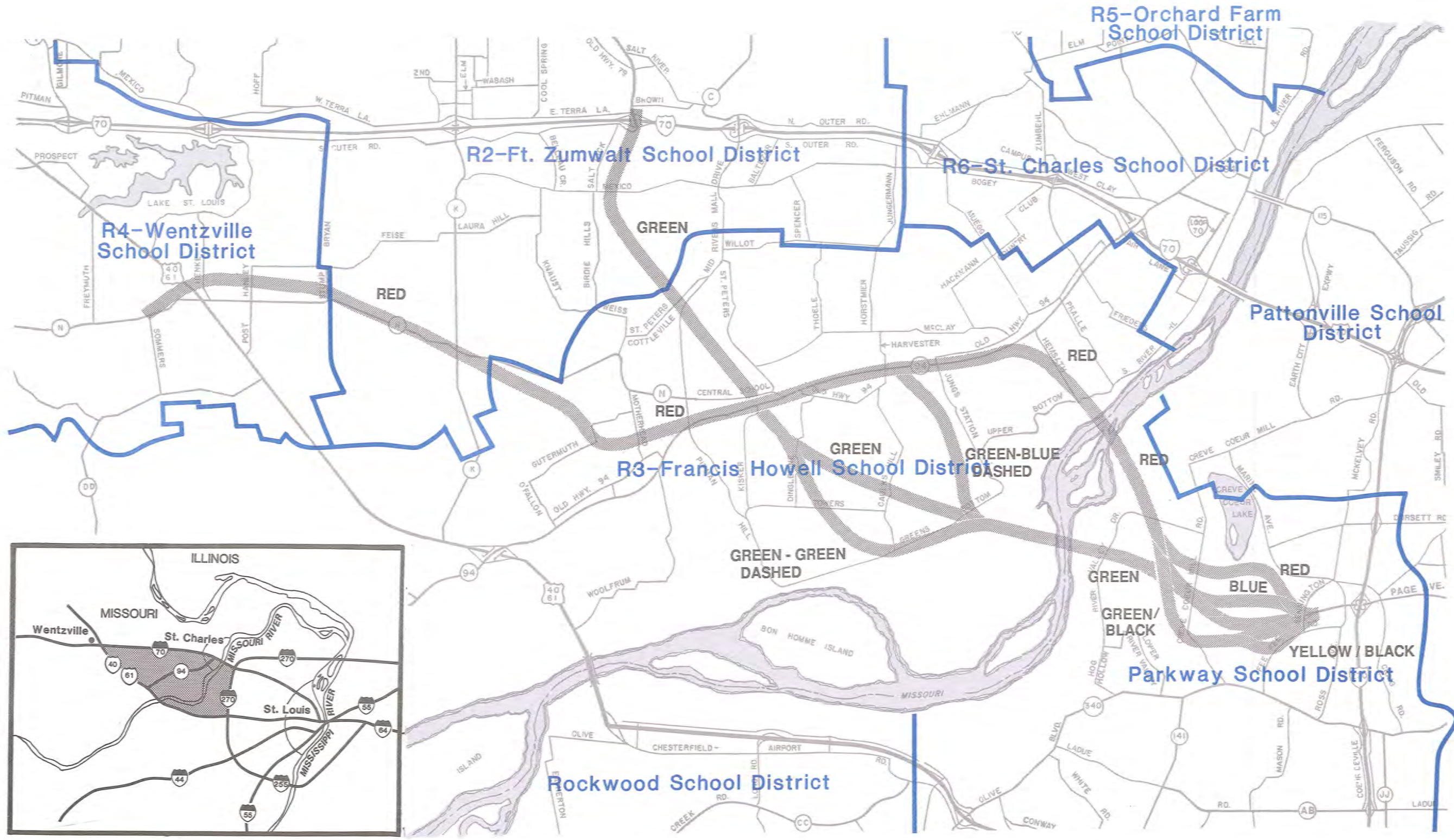
Approximate Scale 1" = 2000'



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Land Use

Figure 4.1.6



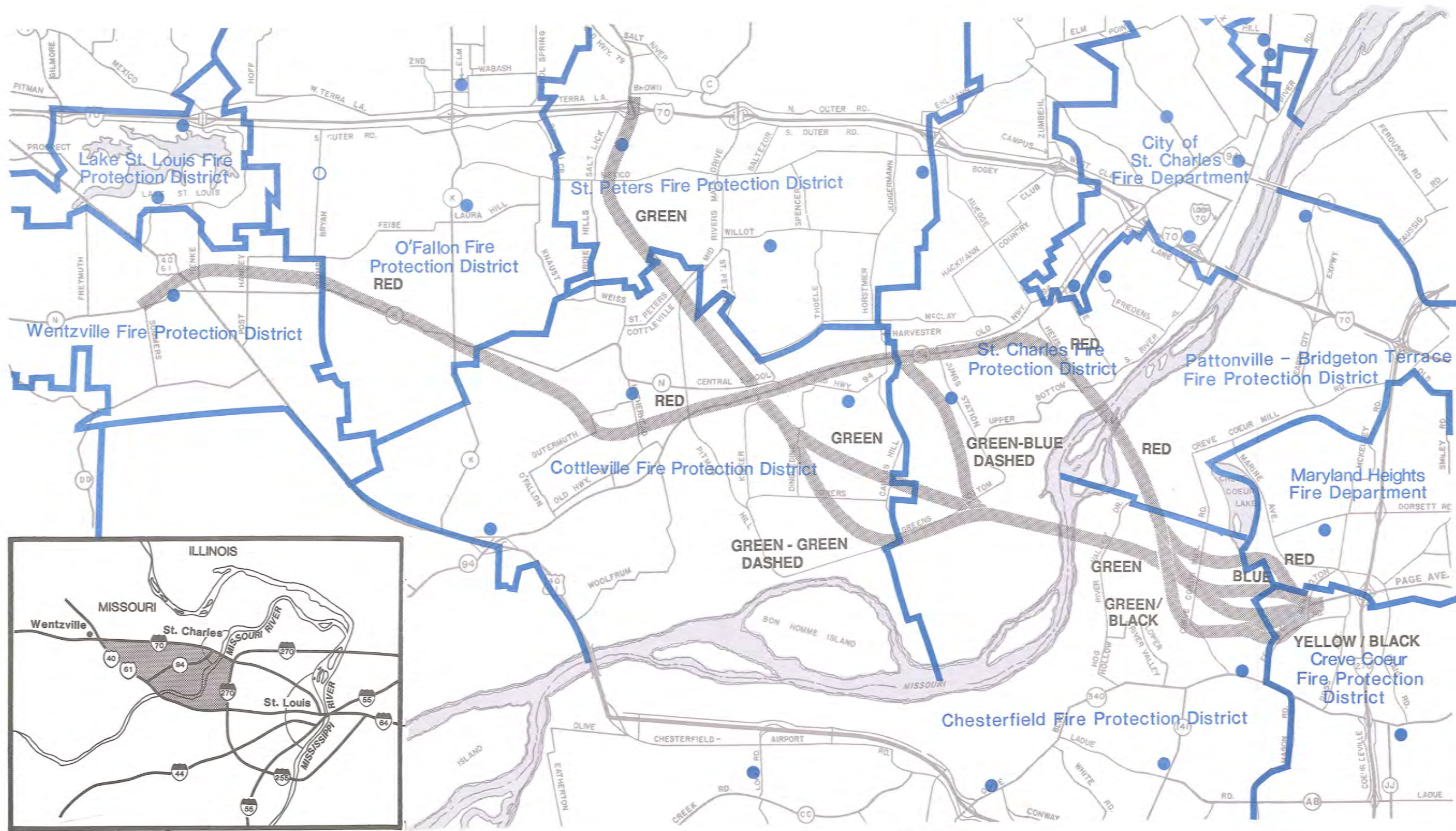
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**School Districts**

**Figure 4.2**



**LEGEND**

- Fire Station Location
- Proposed Fire Station Location

Source: Fire Protection Agencies serving St. Charles Coun  
St. Louis County Department of Planning

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**LEGEND**

-  65dBA
-  Noise Receptor Locations

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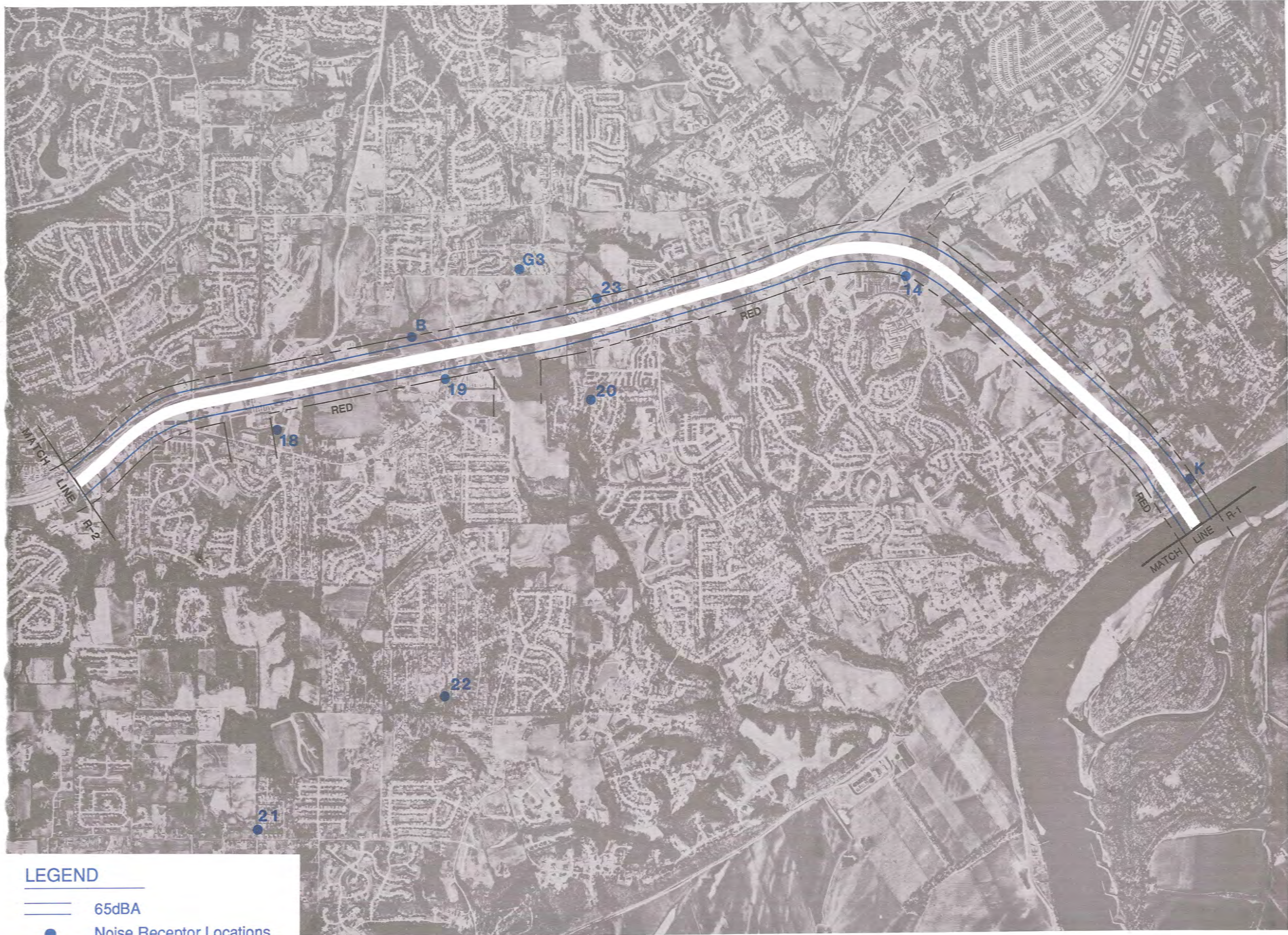
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Noise Contours and Representative Receptors

Figure 4.4.1



**LEGEND**

-  65dBA
-  Noise Receptor Locations

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Noise Contours and Representative Receptors


Figure 4.4.2



**LEGEND**

-  65dBA
-  Noise Receptor Locations

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**Noise Contours and Representative Receptors**

**Figure 4.4.3**



**LEGEND**

-  65dBA
-  Noise Receptor Locations

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Noise Contours and Representative Receptors

Figure 4.4.4





**LEGEND**

 65dBA  
 Noise Receptor Locations

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**Noise Contours and Representative Receptors**

**Figure 4.4.5**



**LEGEND**

-  65dBA
-  Noise Receptor Locations

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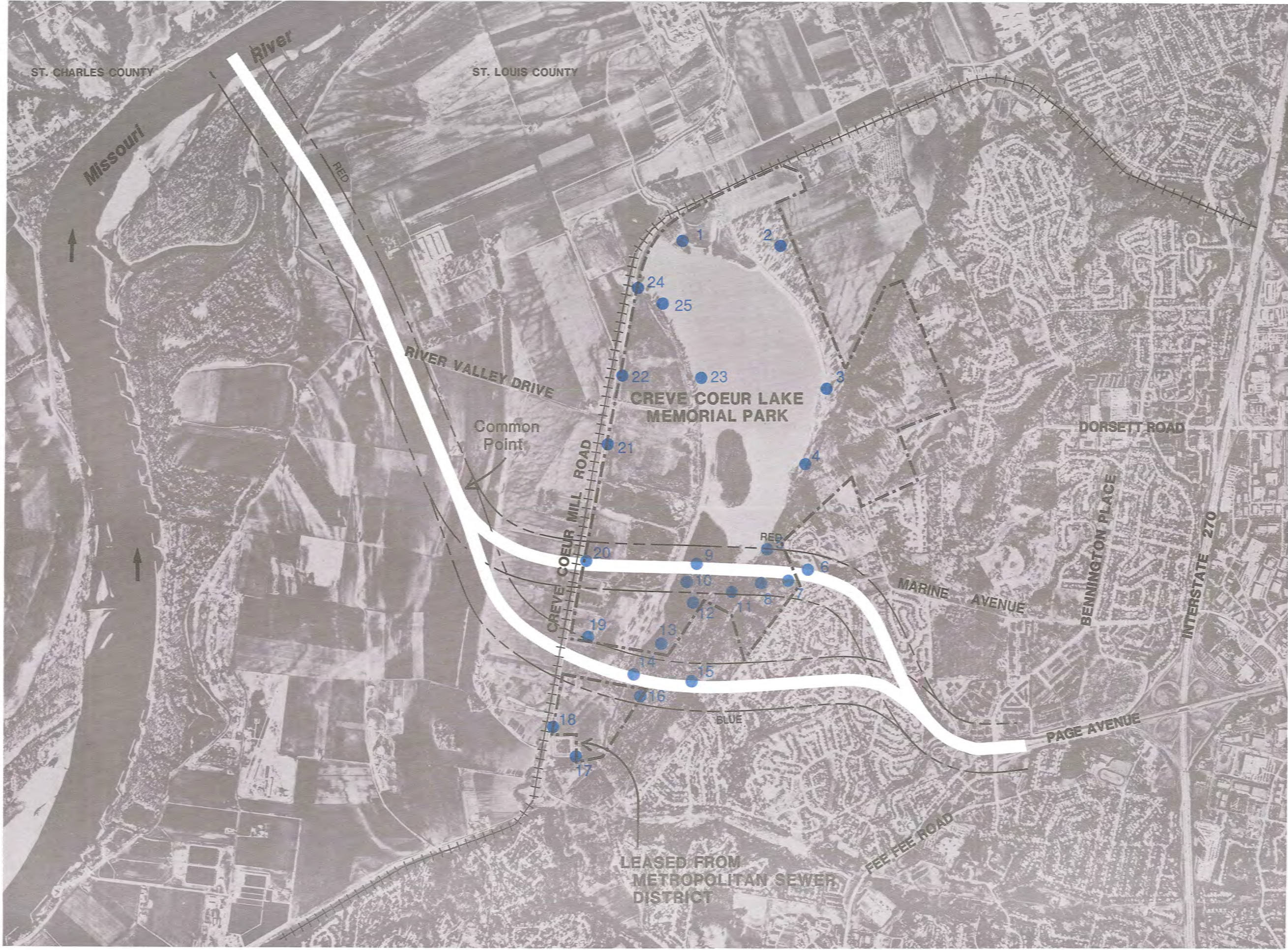
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Noise Contours and Representative Receptors

Figure 4.4.6



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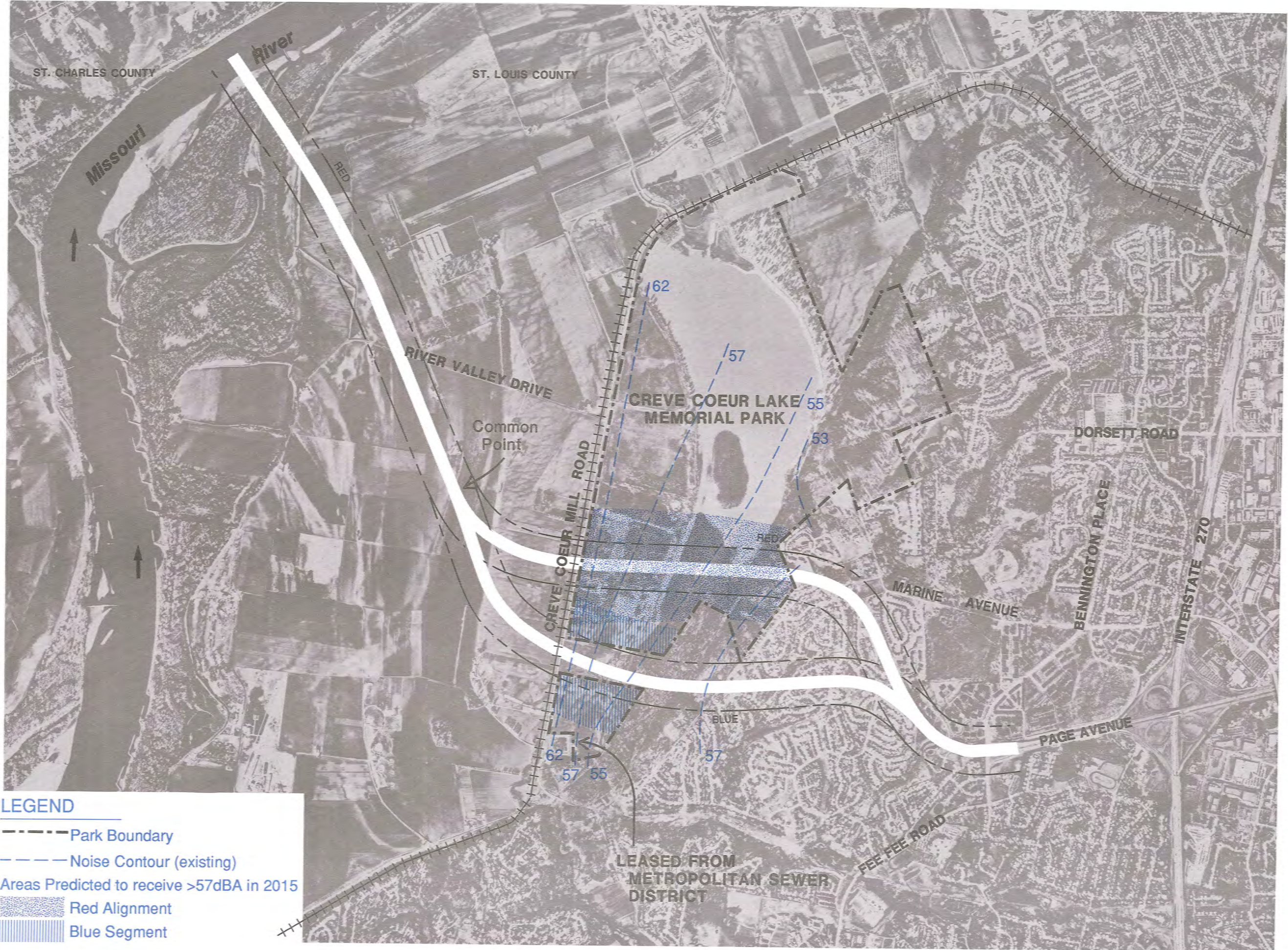
Approximate Scale 1" = 2000'



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Noise Level Monitoring Sites November, 1992

Figure 4.4.7



**LEGEND**

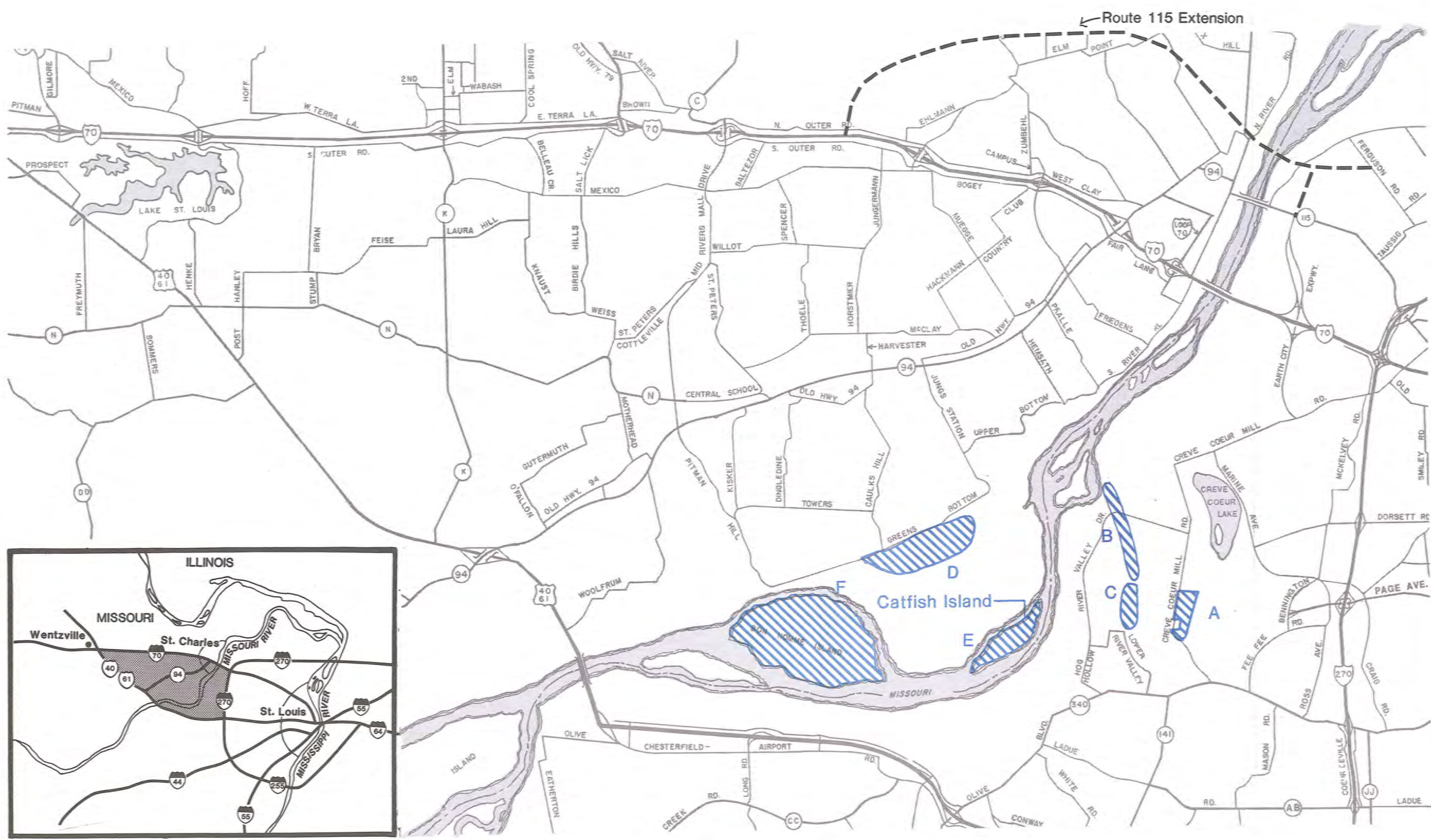
- Park Boundary
- - - Noise Contour (existing)
- Areas Predicted to receive >57dBA in 2015
- Red Alignment
- Blue Segment

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Existing vs. Predicted (2015) Noise Levels

Figure 4.4.8



**LEGEND**

 6 Sites Potentially Suitable For Wetlands Development/Management



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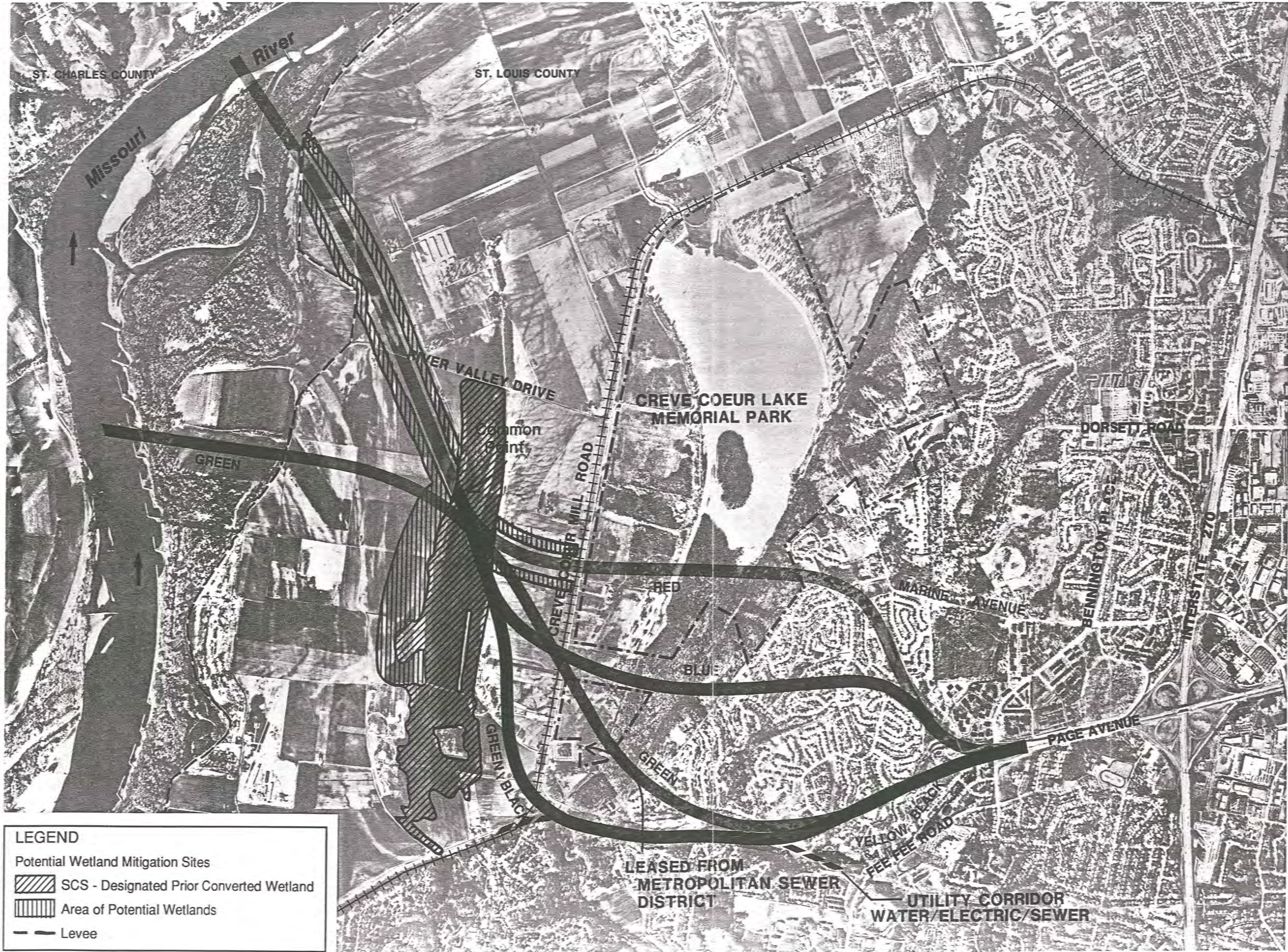
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Potential Wetland Mitigation Sites

Figure 4.5



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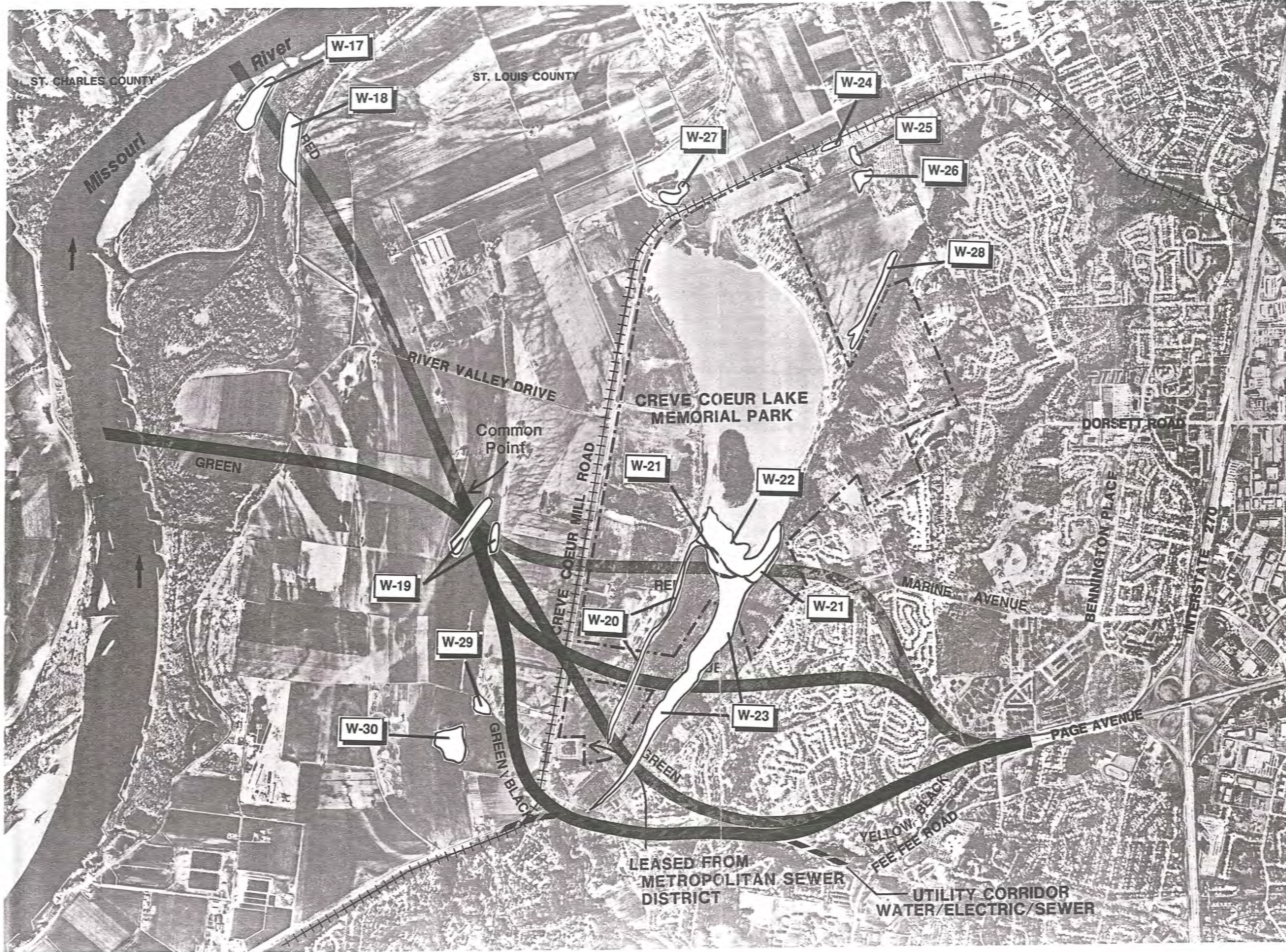


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Potential Wetland Mitigation Sites

Figure 4.5.1



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Jurisdictional Wetlands, Red Alignment

Figure 4.6.1



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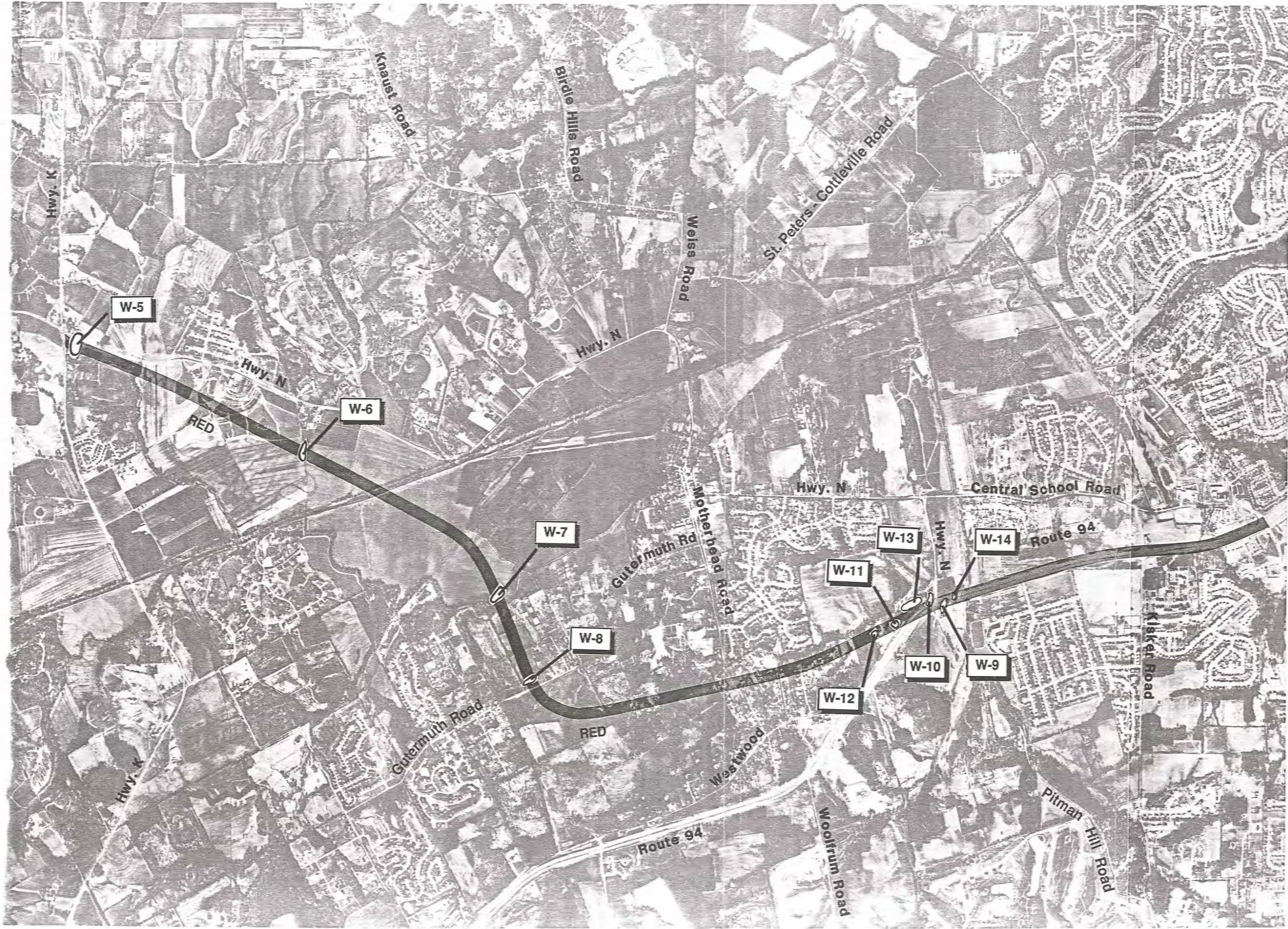


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Jurisdictional Wetlands, Red Alignment

Figure 4.6.2





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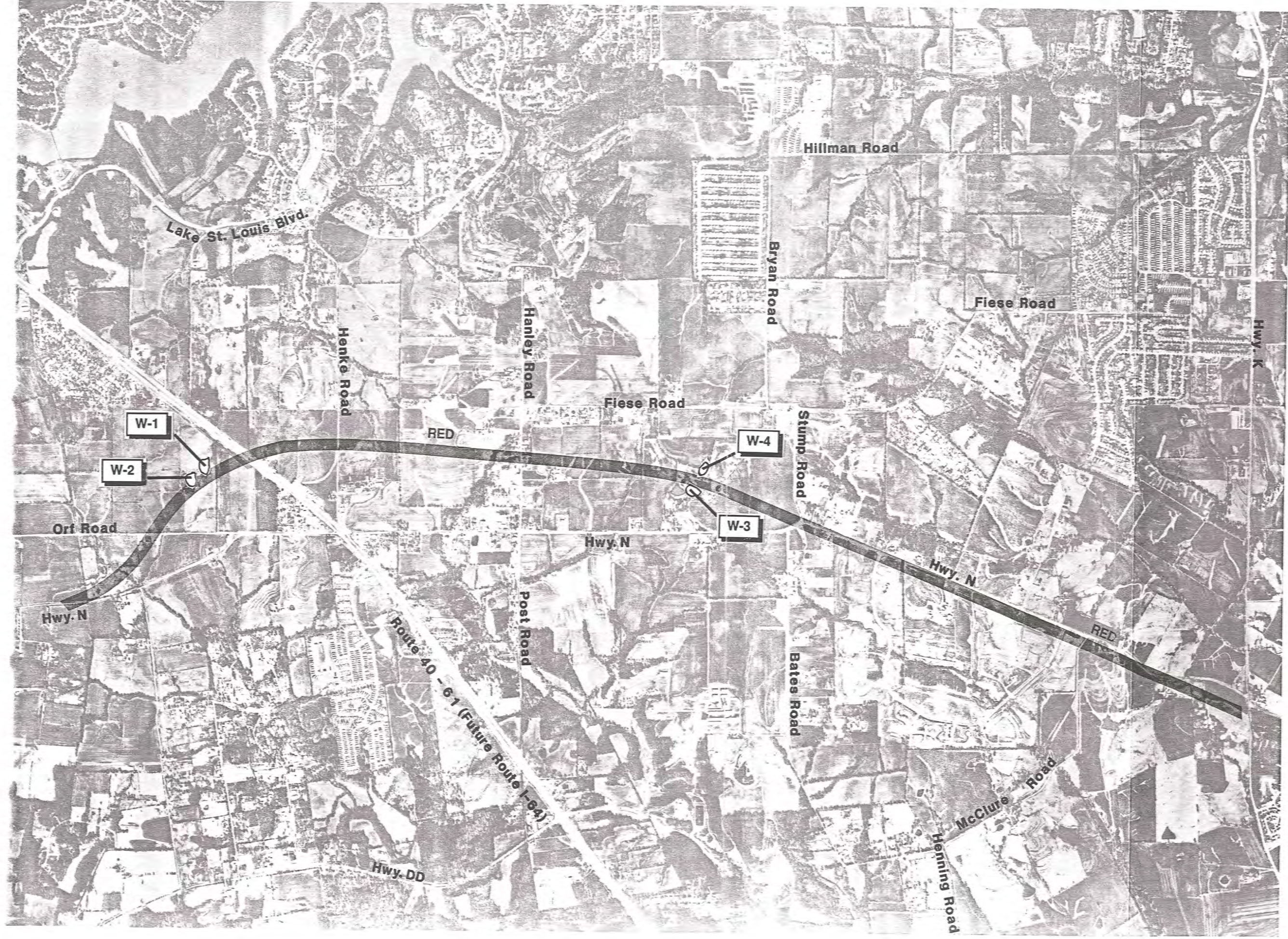
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Jurisdictional Wetlands, Red Alignment

Figure 4.6.3



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Jurisdictional Wetlands, Red Alignment

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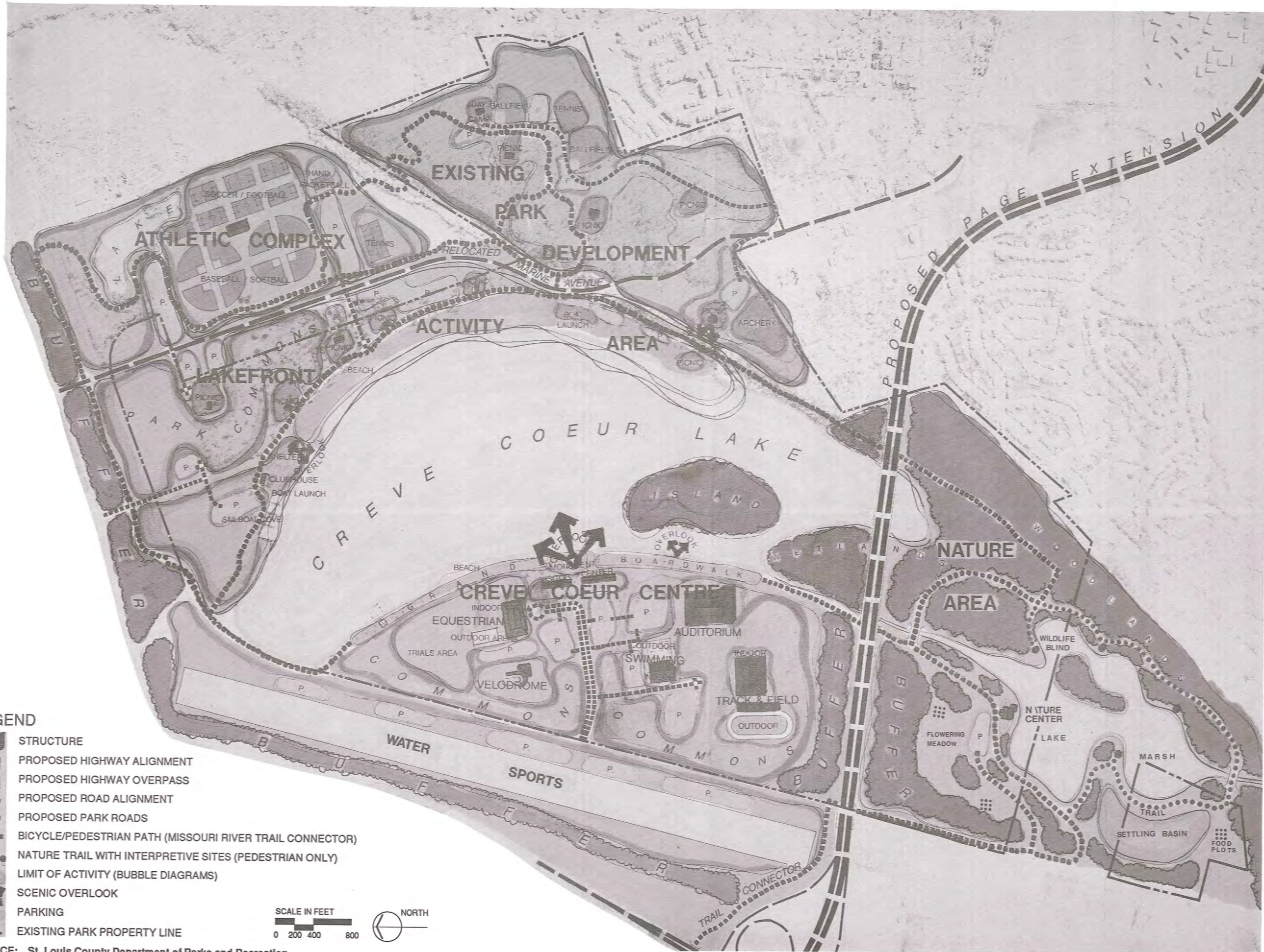
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CCLMP Mitigation Plan

Figure 4.7



**LEGEND**

- STRUCTURE
- PROPOSED HIGHWAY ALIGNMENT
- PROPOSED HIGHWAY OVERPASS
- PROPOSED ROAD ALIGNMENT
- PROPOSED PARK ROADS
- BICYCLE/PEDESTRIAN PATH (MISSOURI RIVER TRAIL CONNECTOR)
- NATURE TRAIL WITH INTERPRETIVE SITES (PEDESTRIAN ONLY)
- LIMIT OF ACTIVITY (BUBBLE DIAGRAMS)
- SCENIC OVERLOOK
- PARKING
- EXISTING PARK PROPERTY LINE



SOURCE: St. Louis County Department of Parks and Recreation