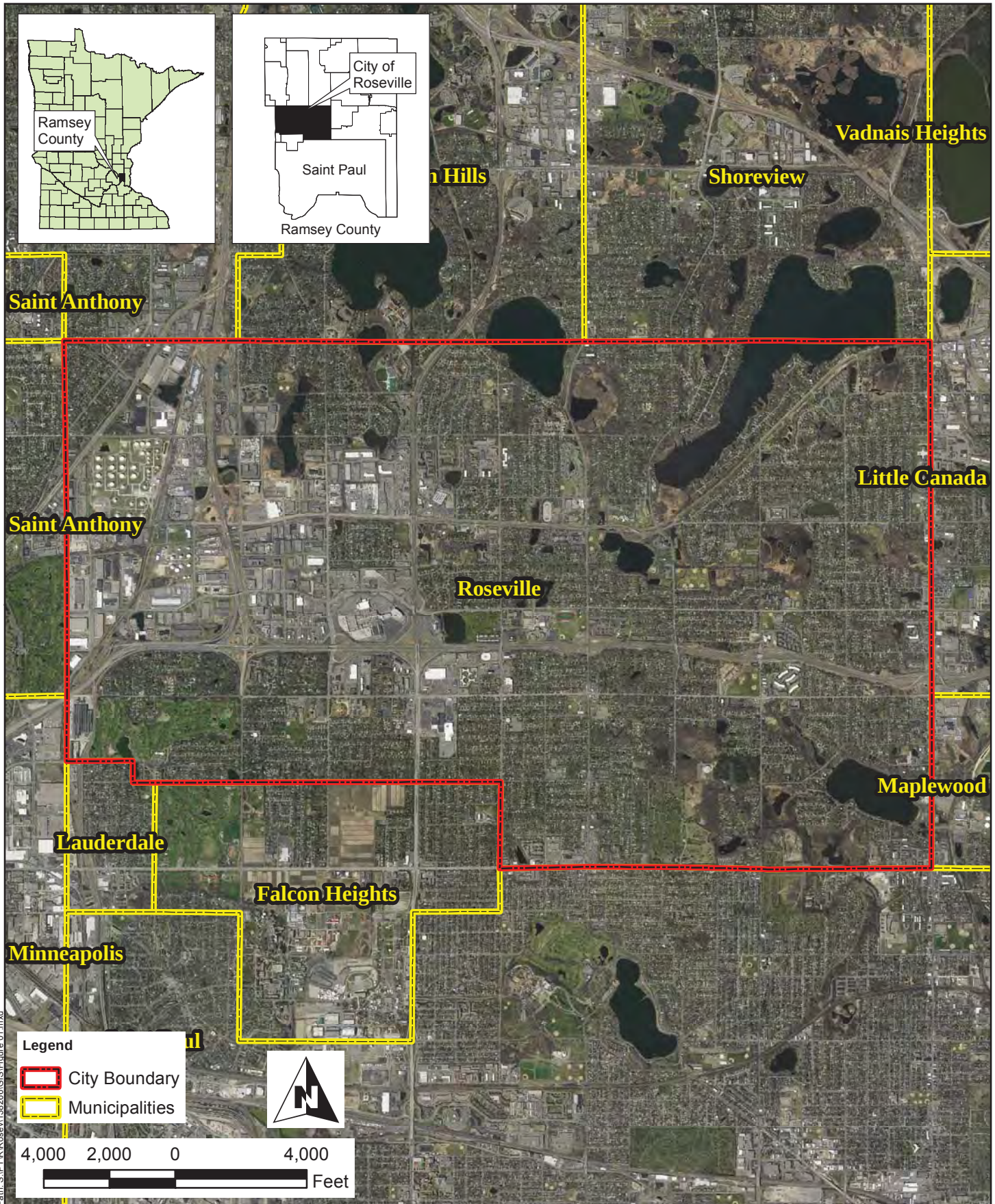
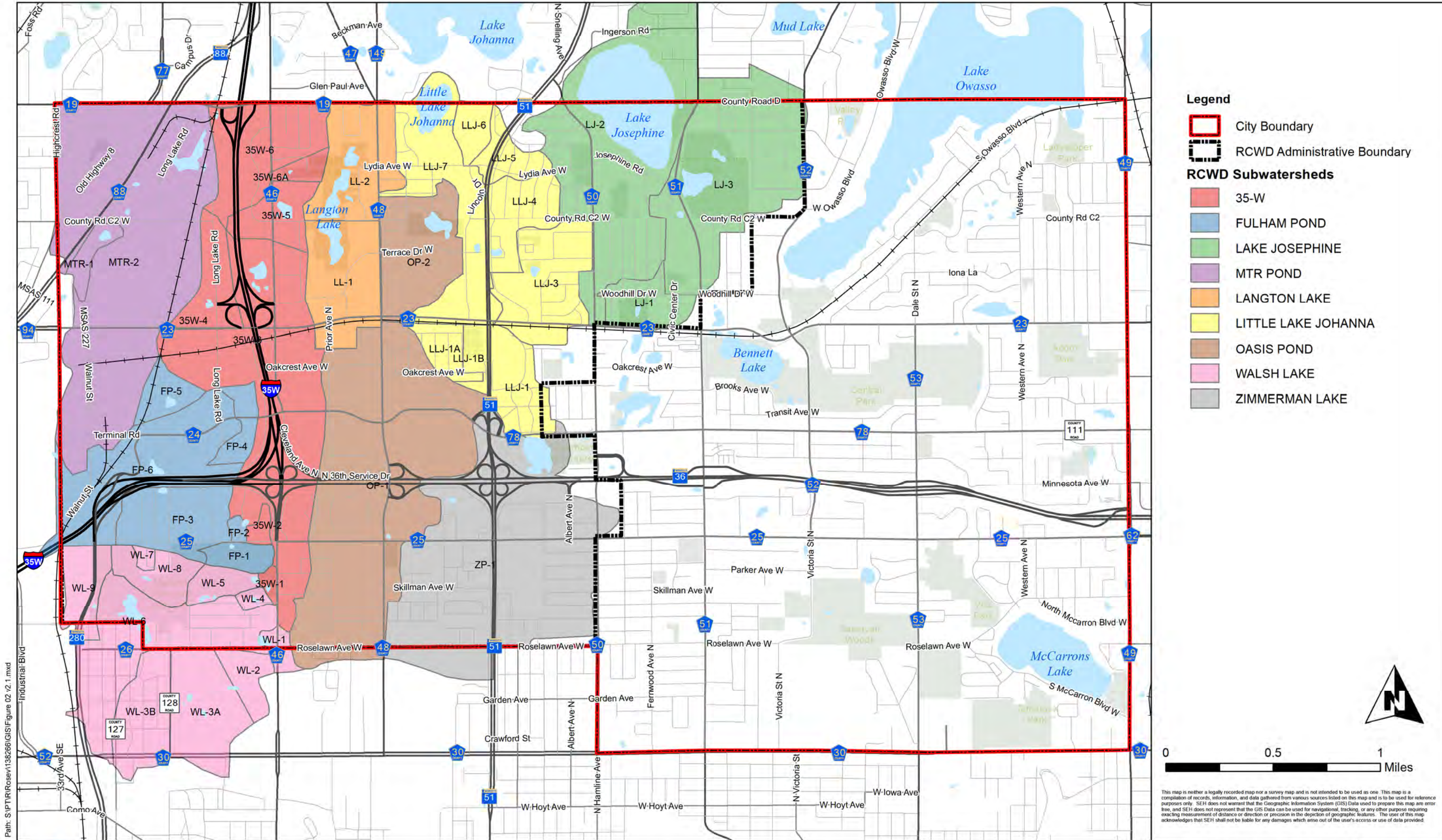

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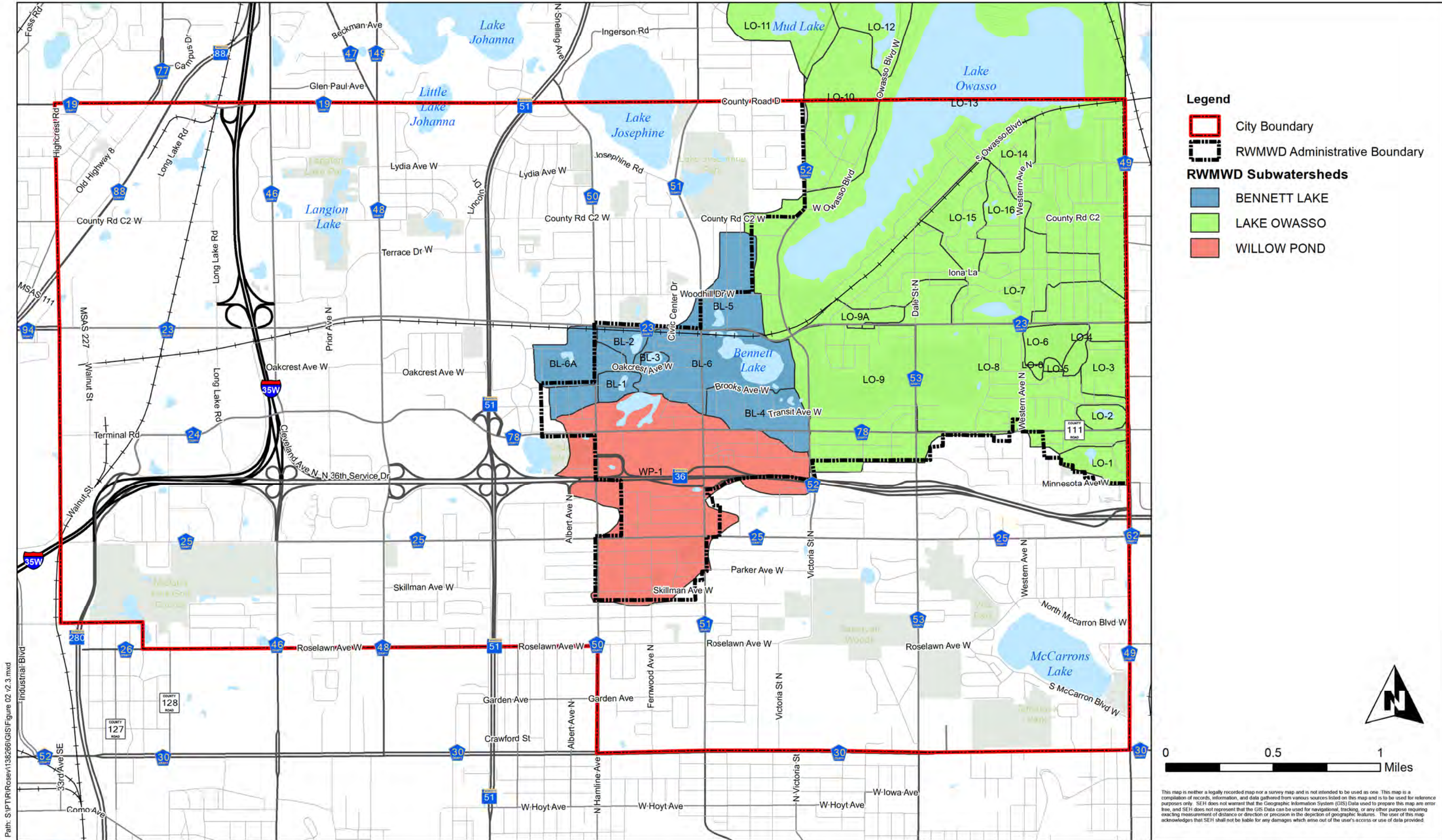
	3535 VADNAIS CENTER DR. ST. PAUL, MN 55110 PHONE: (651) 490-2000 FAX: (888) 908-8166 TF: (800) 325-2055 www.sehinc.com	Project: ROSEV 138266 Print Date: 2/28/2017 Map by: SrH Projection: UTM, Zone 15, NAD 83, m Source: USGS 7.5 Min. Topo, MnDOT, and SEH Inc.	Site Location Map Comprehensive Surface Water Management Plan Roseville, Minnesota	Figure 1
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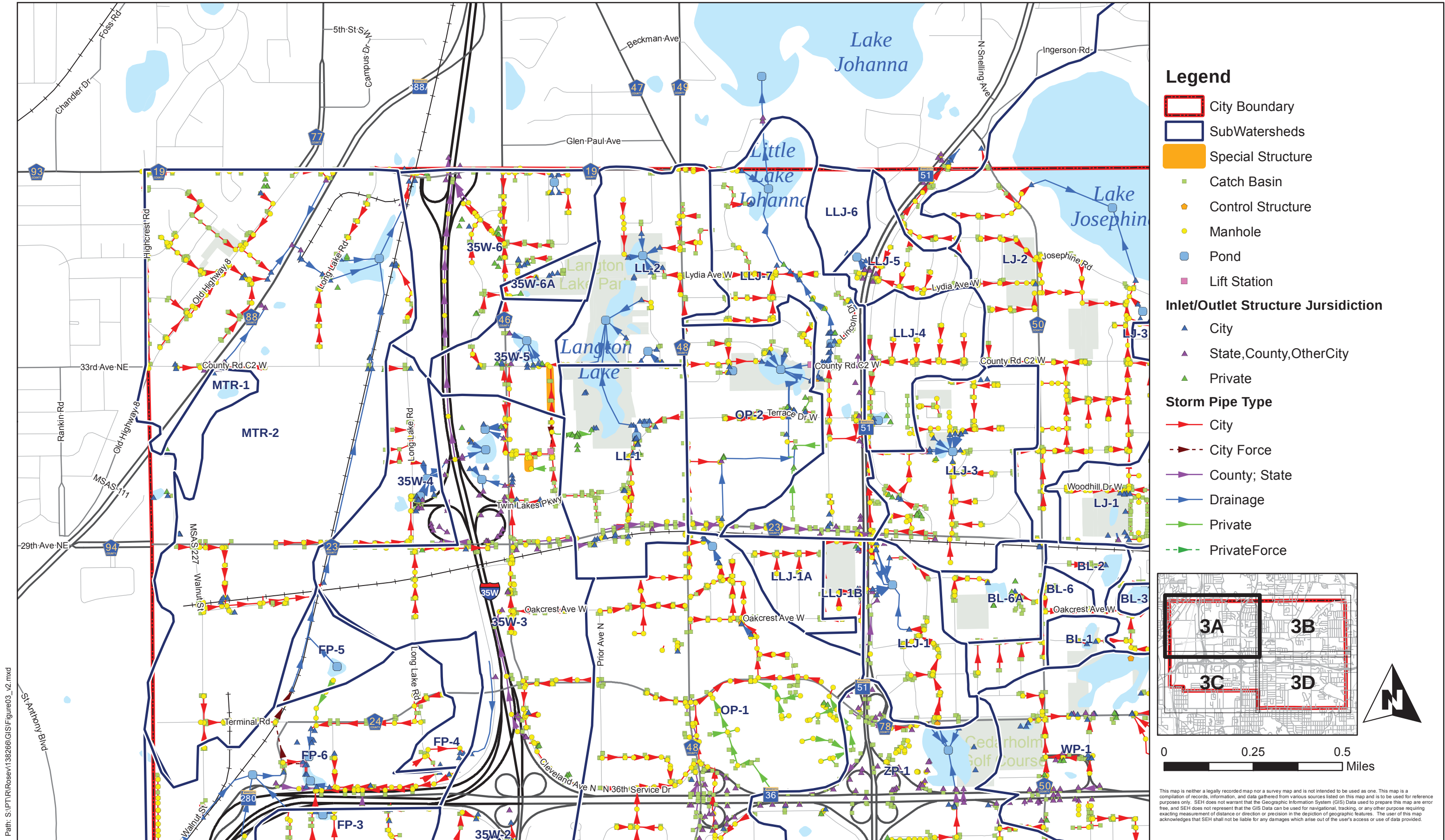


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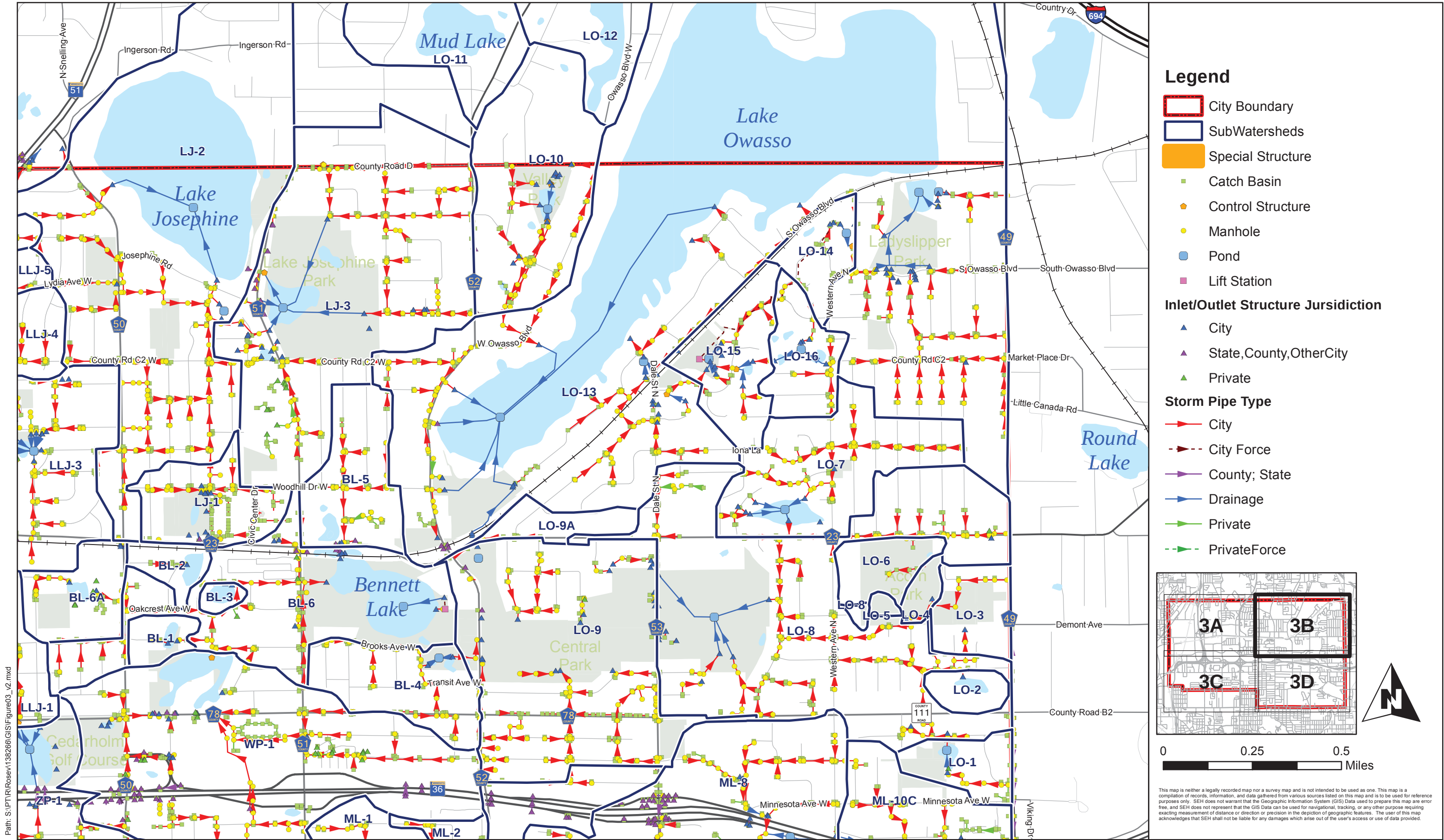
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Projection:
Source:

COMPREHENSIVE SURFACE WATER MANAGEMENT PLAN

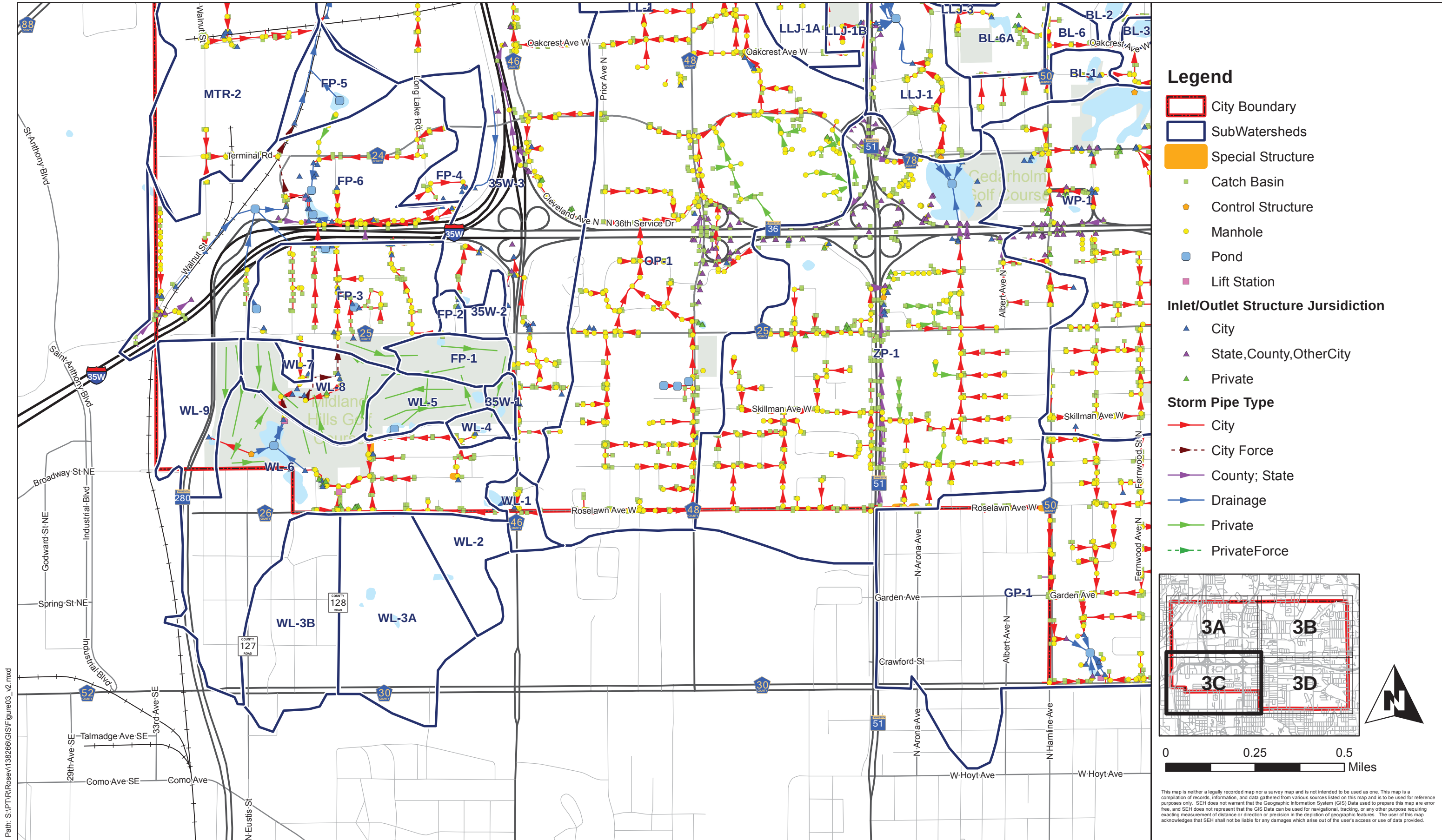
Roseville, Minnesota

Storm Sewer and
Sub-Watershed
Map

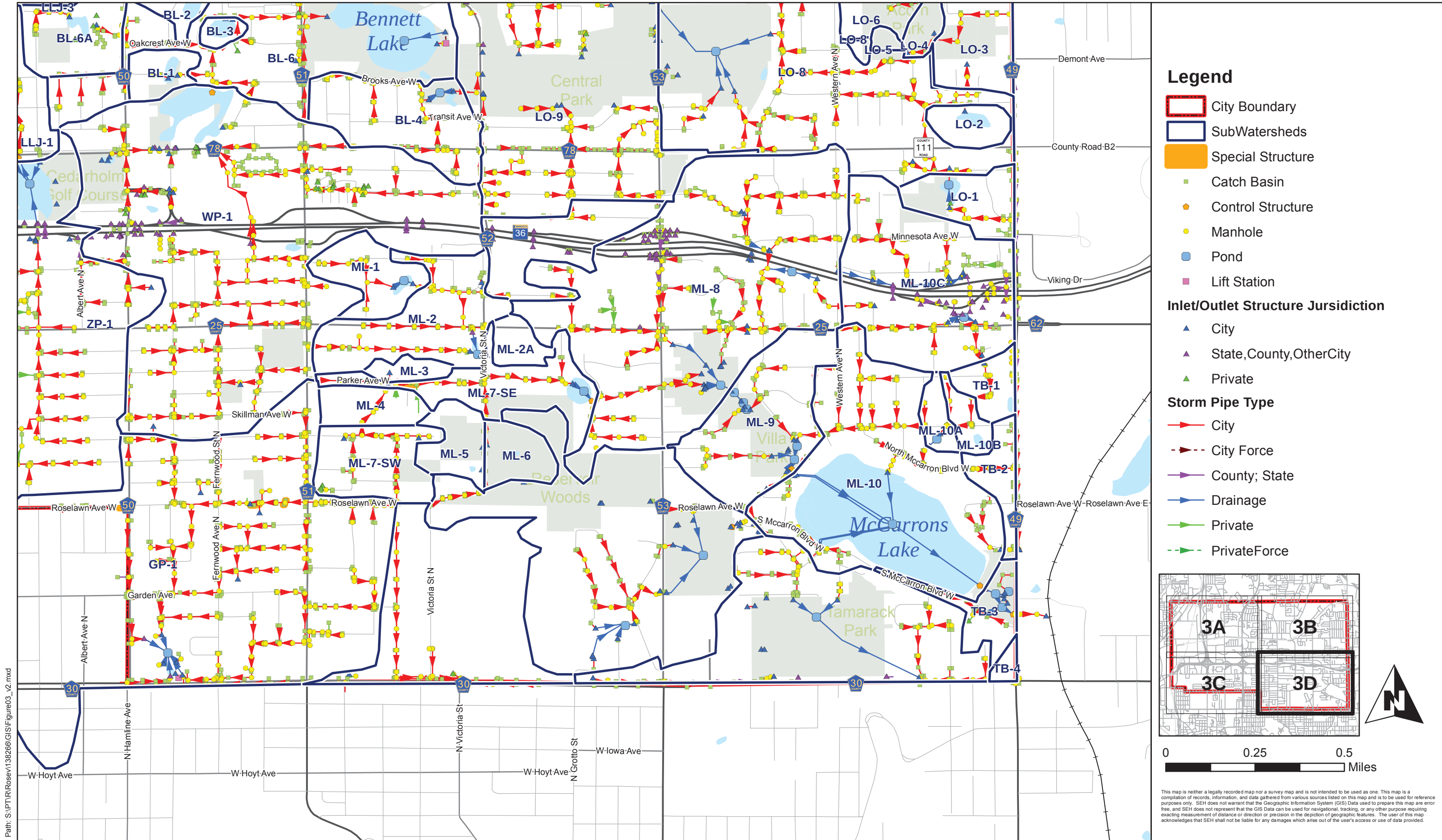
Figure
3A



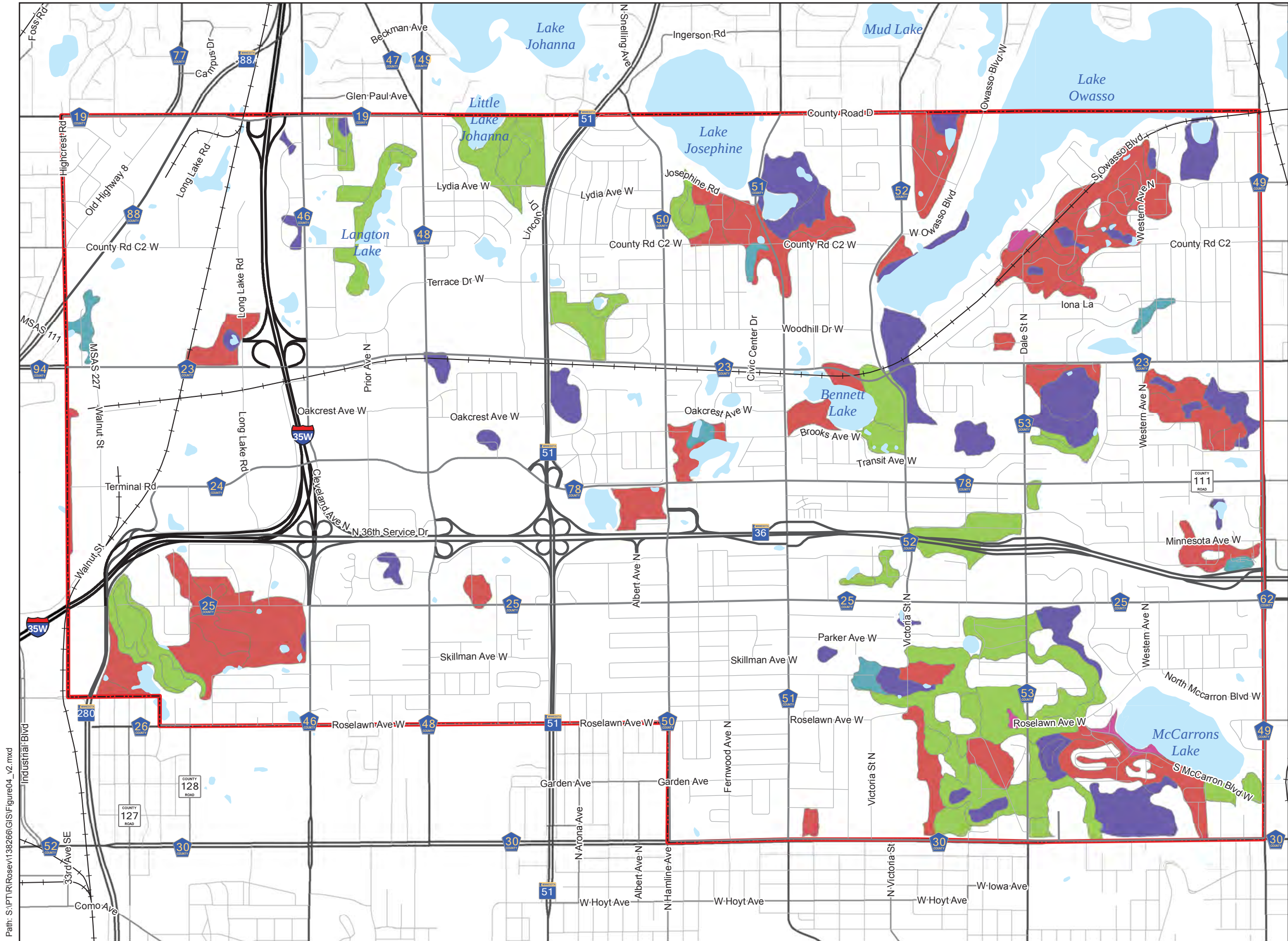
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Legend

City Boundary

Hydrologic Soil Group Classification

A

A/D

B

B/D

C

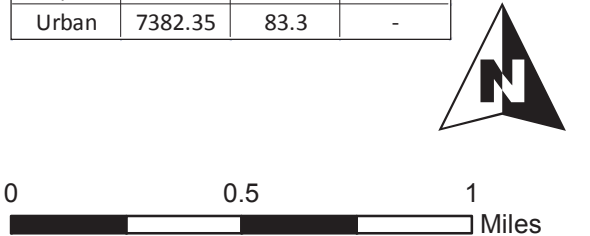
Group A. Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

Group B. Soils having a moderate infiltration rate when thoroughly wet. These consist chiefly of moderately deep or deep, moderately well drained or well drained soils that have moderately fine texture to moderately coarse texture. These soils have a moderate rate of water transmission.

Group C. Soils having a slow infiltration rate when thoroughly wet. These consist chiefly of soils having a layer that impedes the downward movement of water or soils of moderately fine texture or fine texture. These soils have a slow rate of water transmission.

Group D. Soils having a very slow infiltration rate (high runoff potential) when thoroughly wet. These consist chiefly of clays that have a high shrink-swell potential, soils that have a high water table, soils that have a claypan or clay layer at or near the surface, and soils that are shallow over nearly impervious material. These soils have a very slow rate of water transmission.

Soil Group	Area (ac)	Portion of Total Area, %	Portion on Non-Urban Area, %
A	503.411	5.7	33.9
B	616.402	7.0	41.5
C	11.818	0.1	0.8
A/D	38.14	0.4	2.6
B/D	313.972	3.5	21.2
Urban	7382.35	83.3	-



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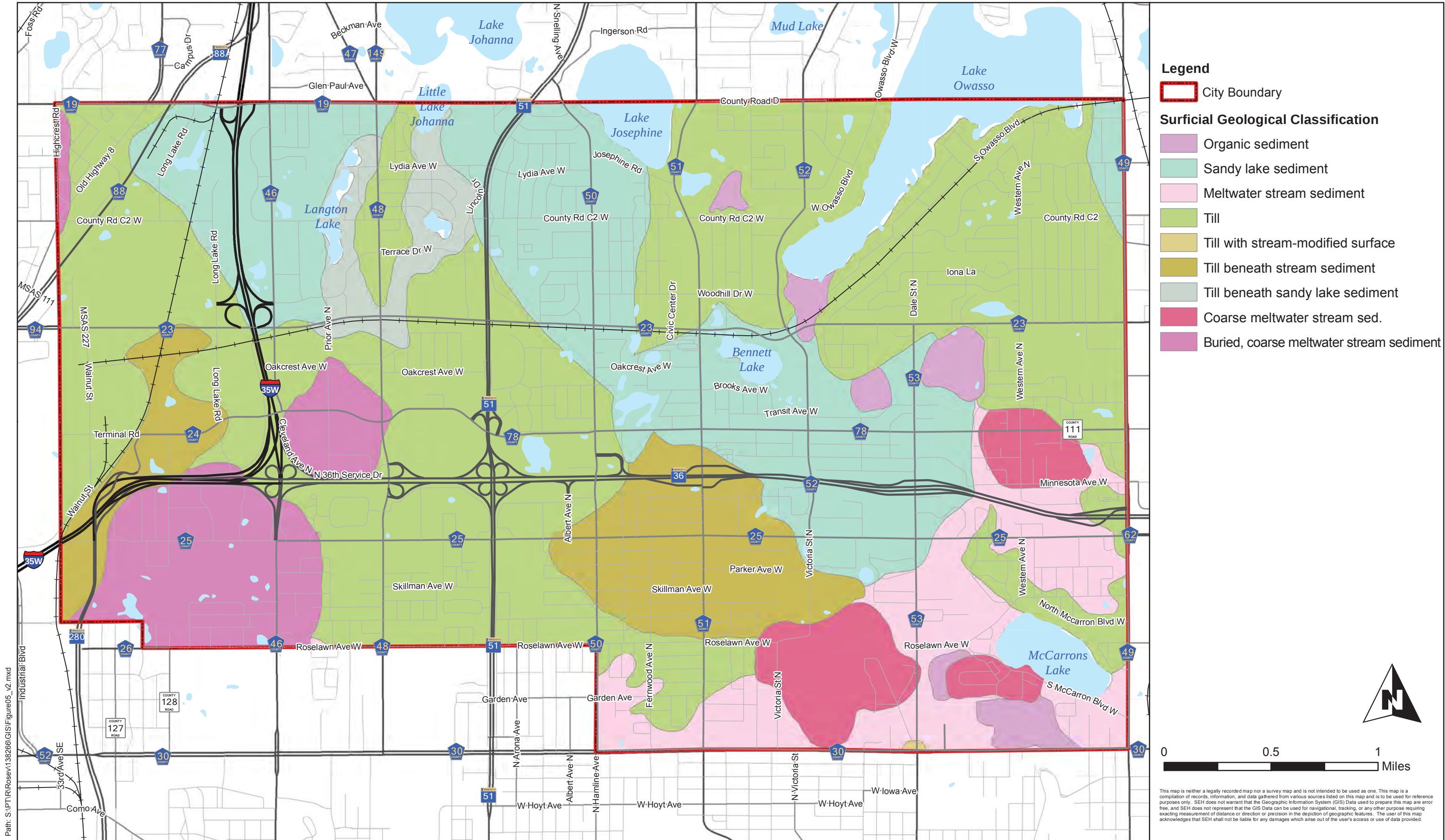
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Projection:
Source:

COMPREHENSIVE SURFACE WATER MANAGEMENT PLAN

Roseville, Minnesota

Hydrologic Soil
Group

Figure
4



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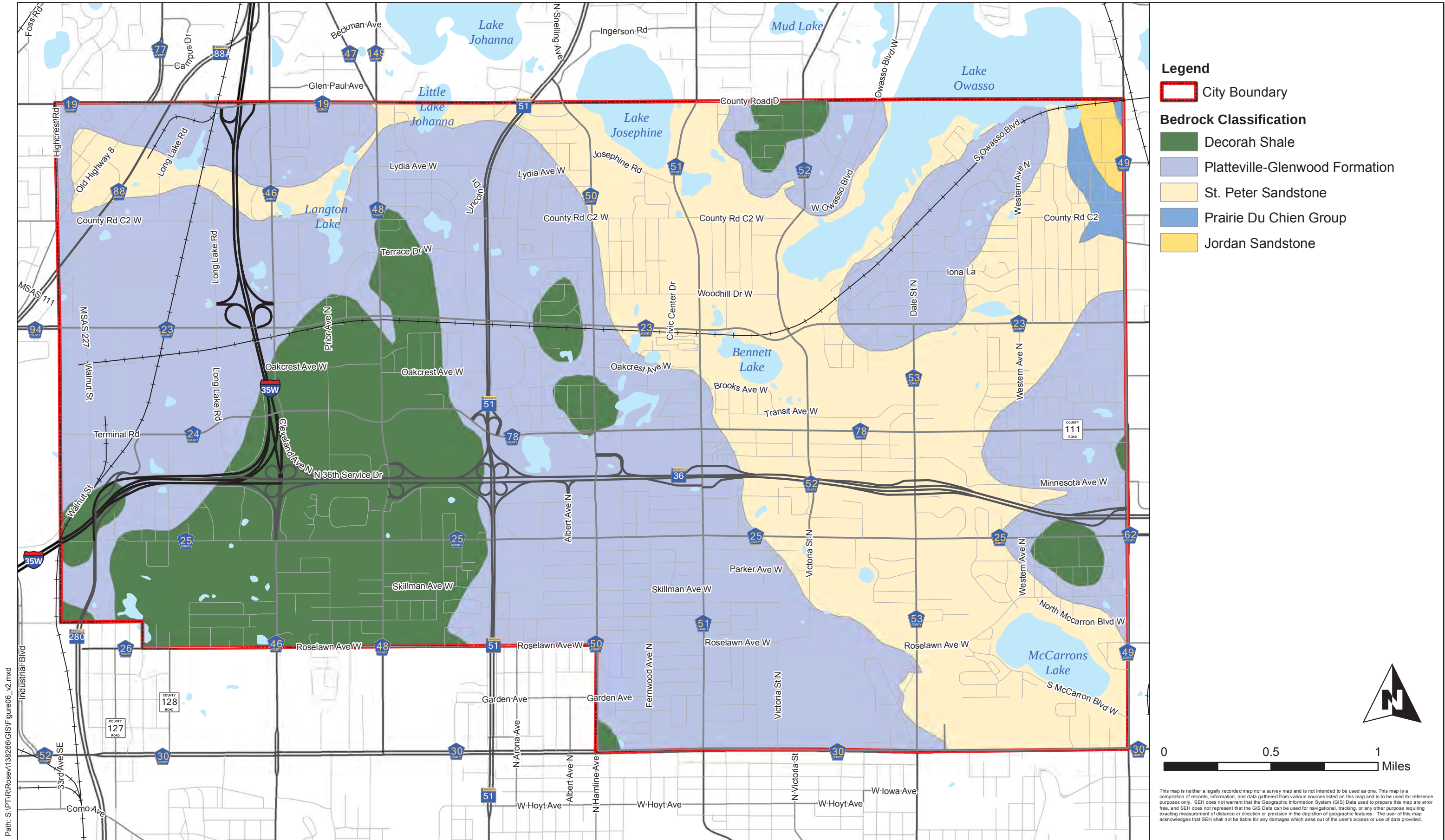
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COMPREHENSIVE SURFACE WATER MANAGEMENT PLAN

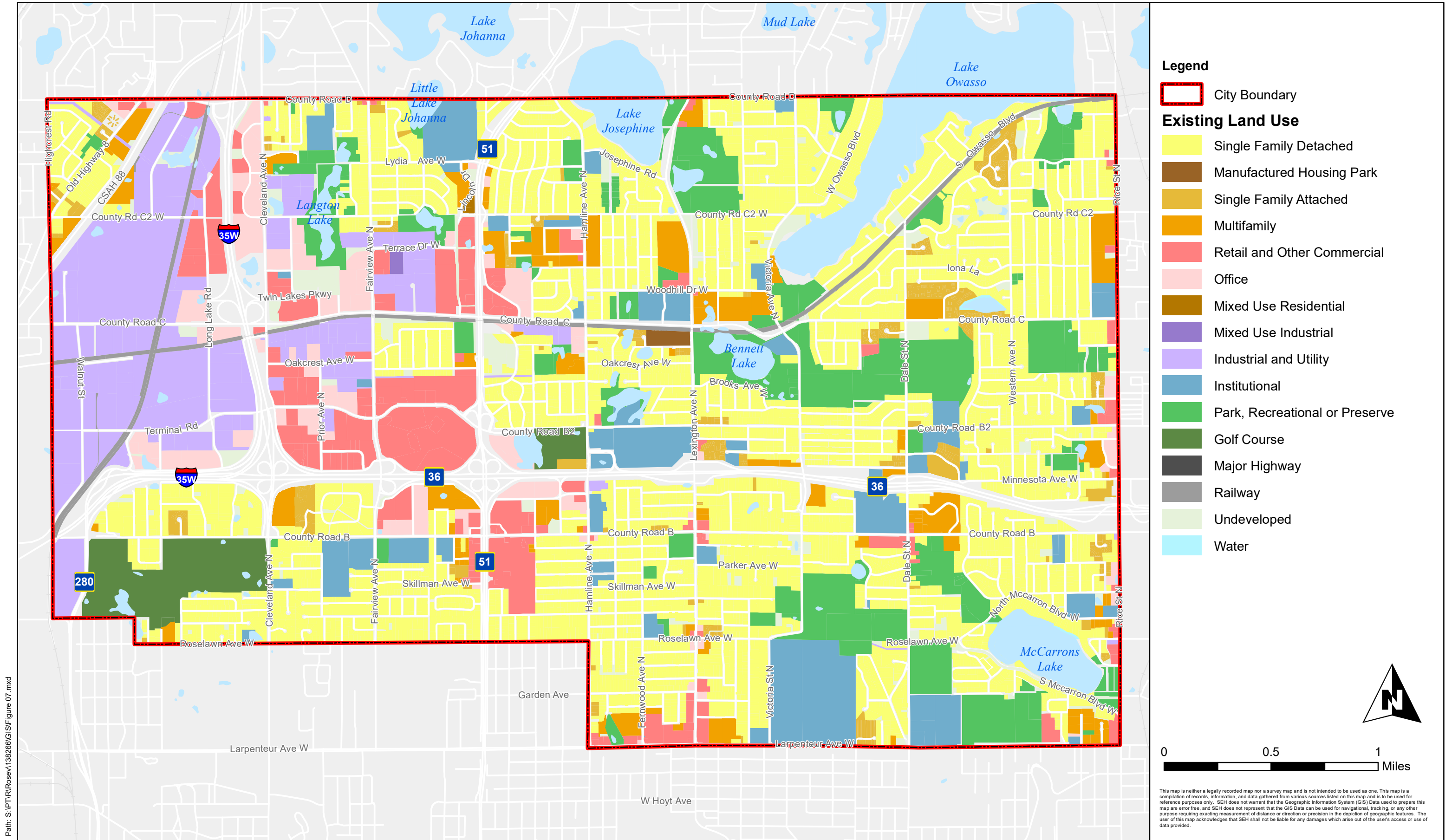
Roseville, Minnesota

Surficial Geology

Figure
5



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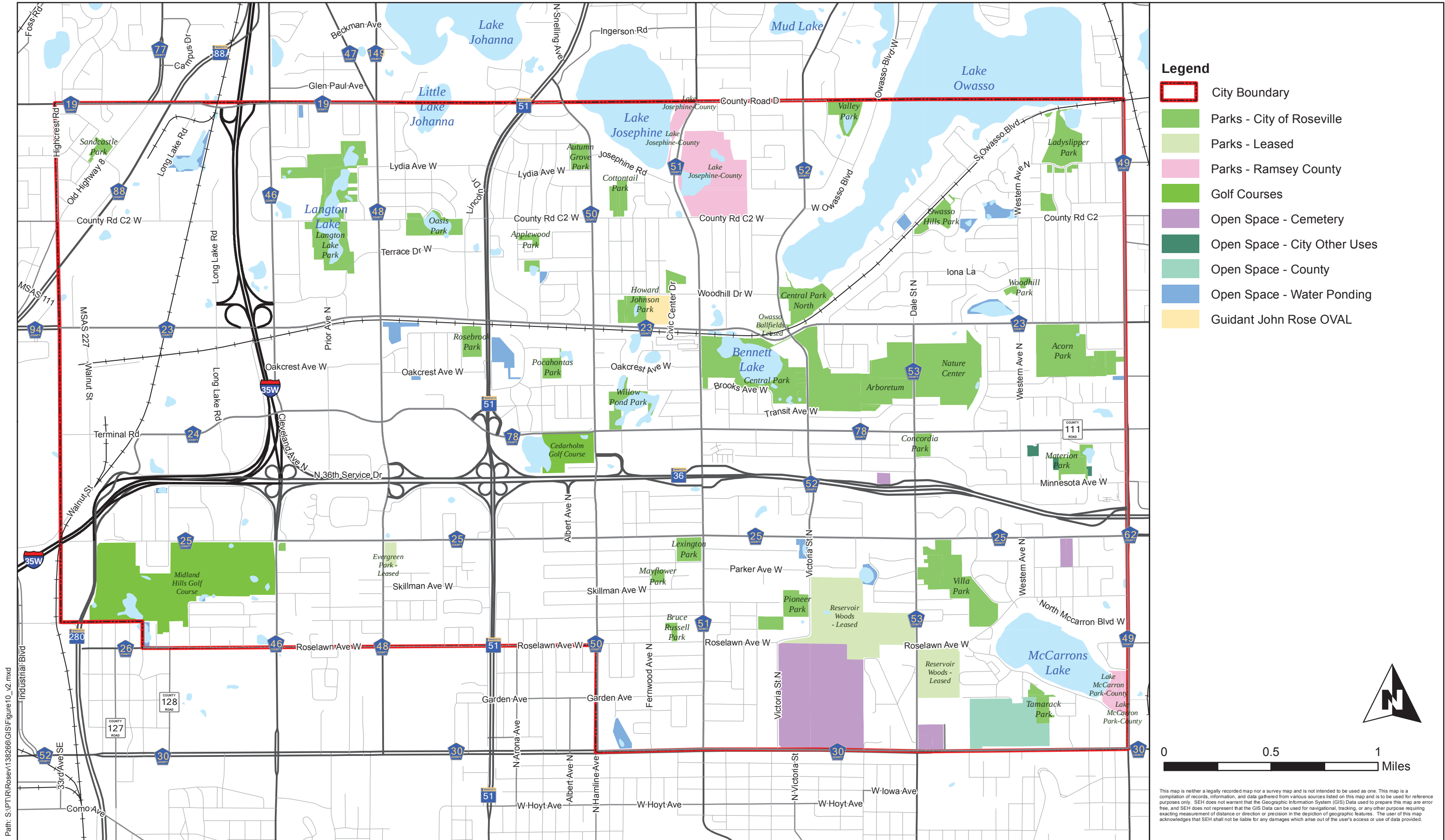
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Projection: NAD_1983_86_Adj_MN_Ramsey_Ft
Source: Roseville, SEH, ESRI Basemaps

COMPREHENSIVE SURFACE WATER MANAGEMENT PLAN

Roseville, Minnesota

Current Land Use

Figure
7



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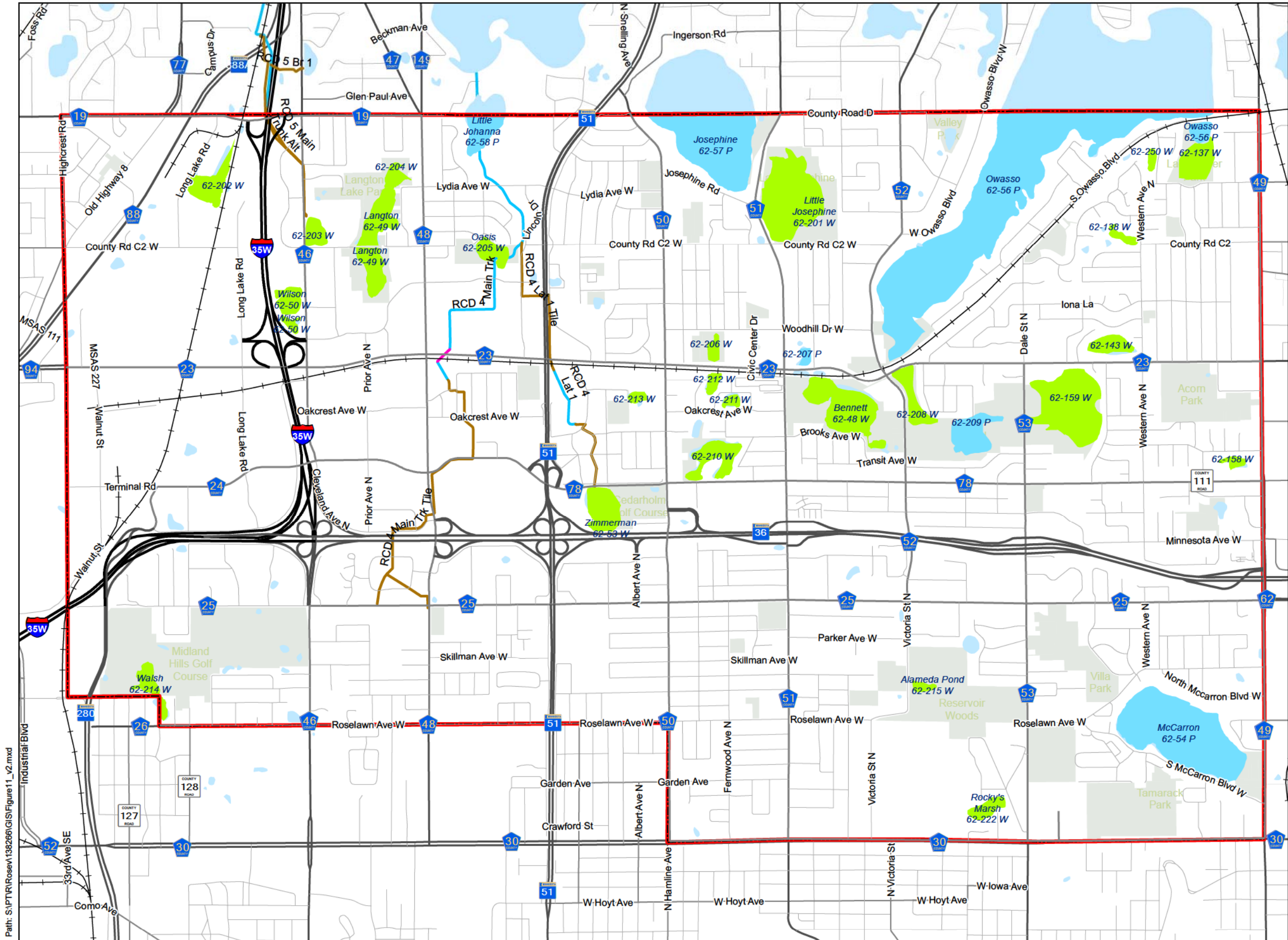
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COMPREHENSIVE SURFACE WATER MANAGEMENT PLAN

Roseville, Minnesota

Parks and
Open Space

Figure
10



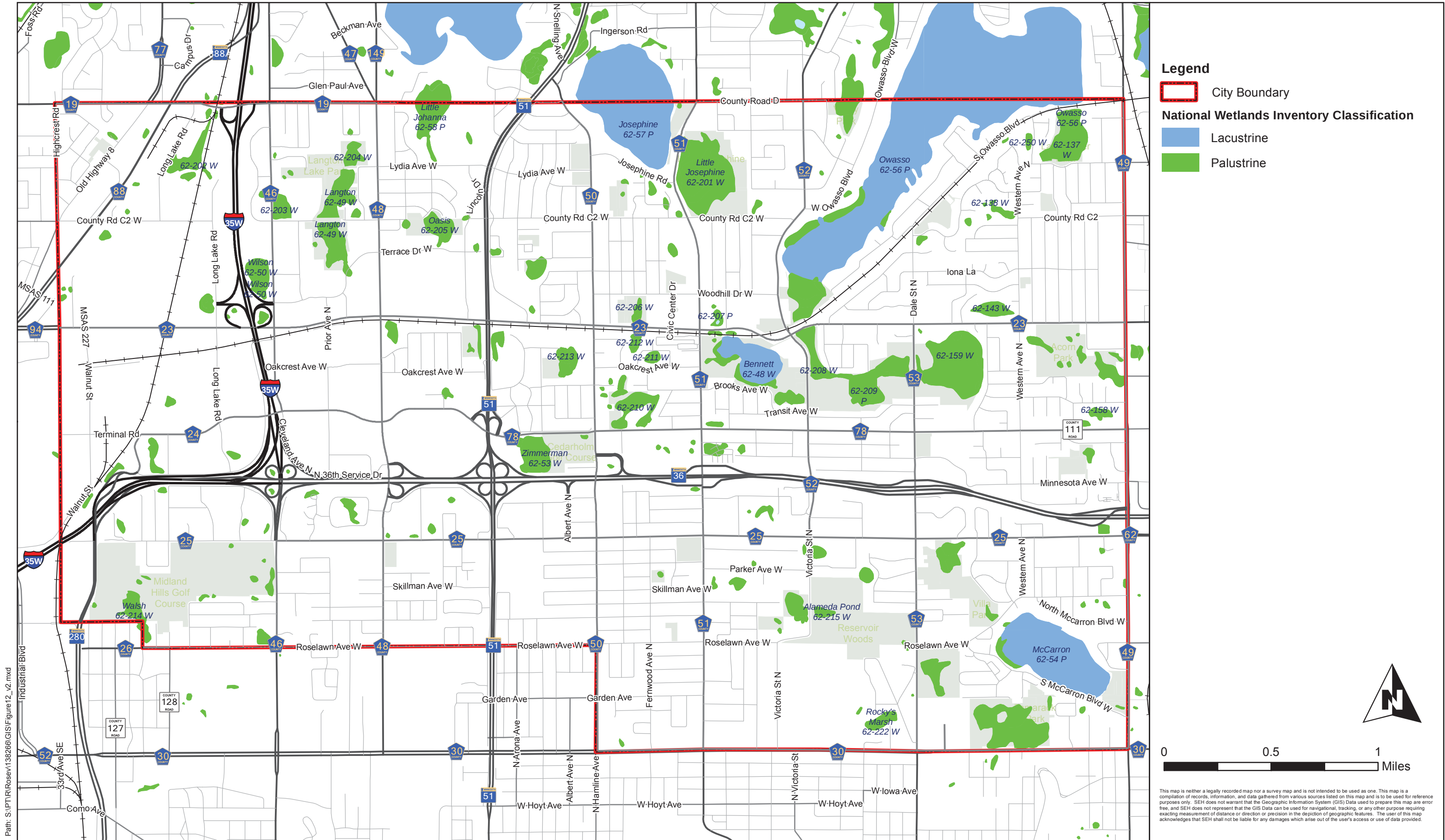
Legend

- City Boundary
- Public Water Basin
- Public Water Wetland
- Public Ditch - Open Channel
- Public Ditch - Storm Sewer
- Public Ditch - Tile

0 0.5 1 Miles

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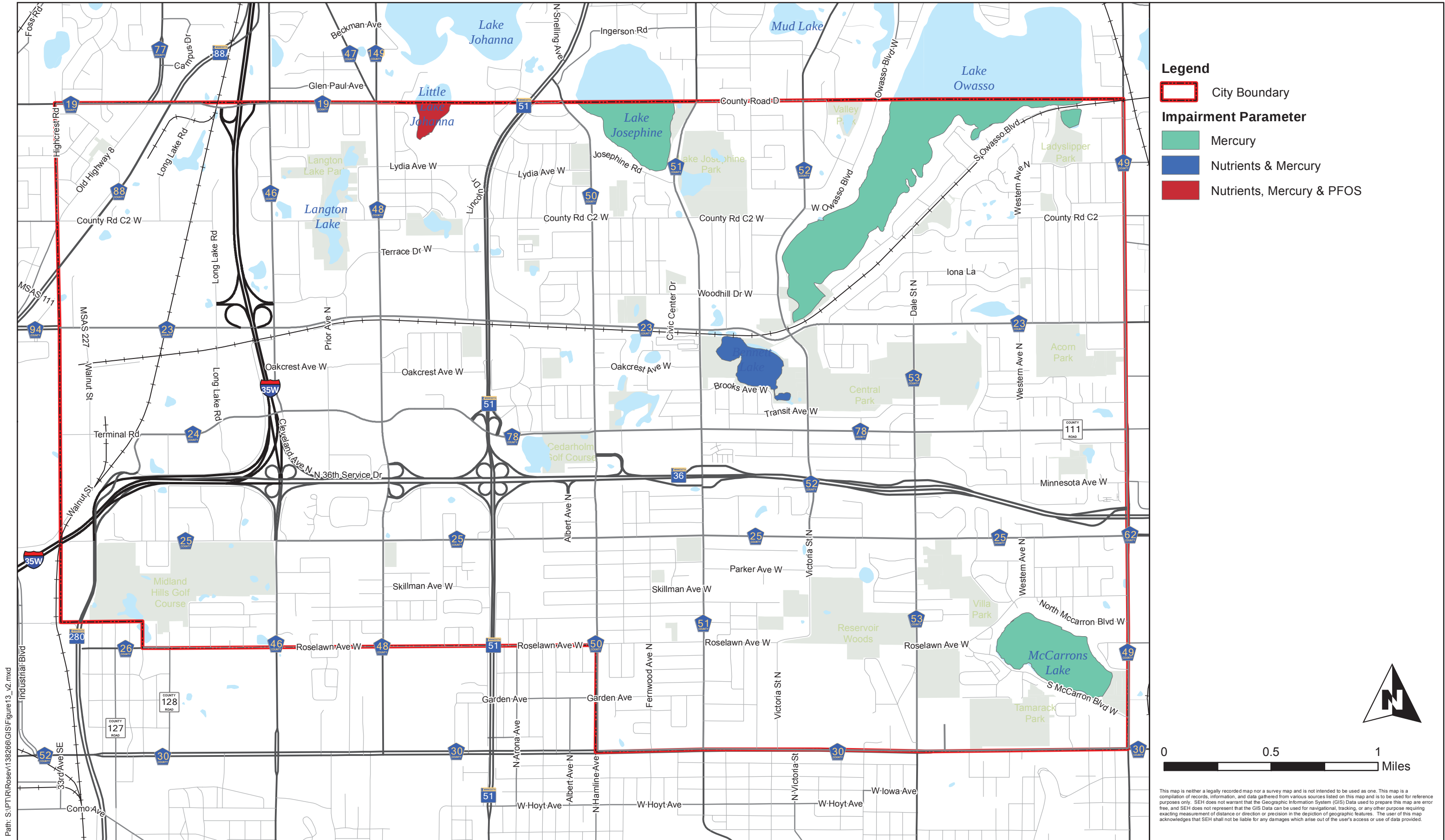
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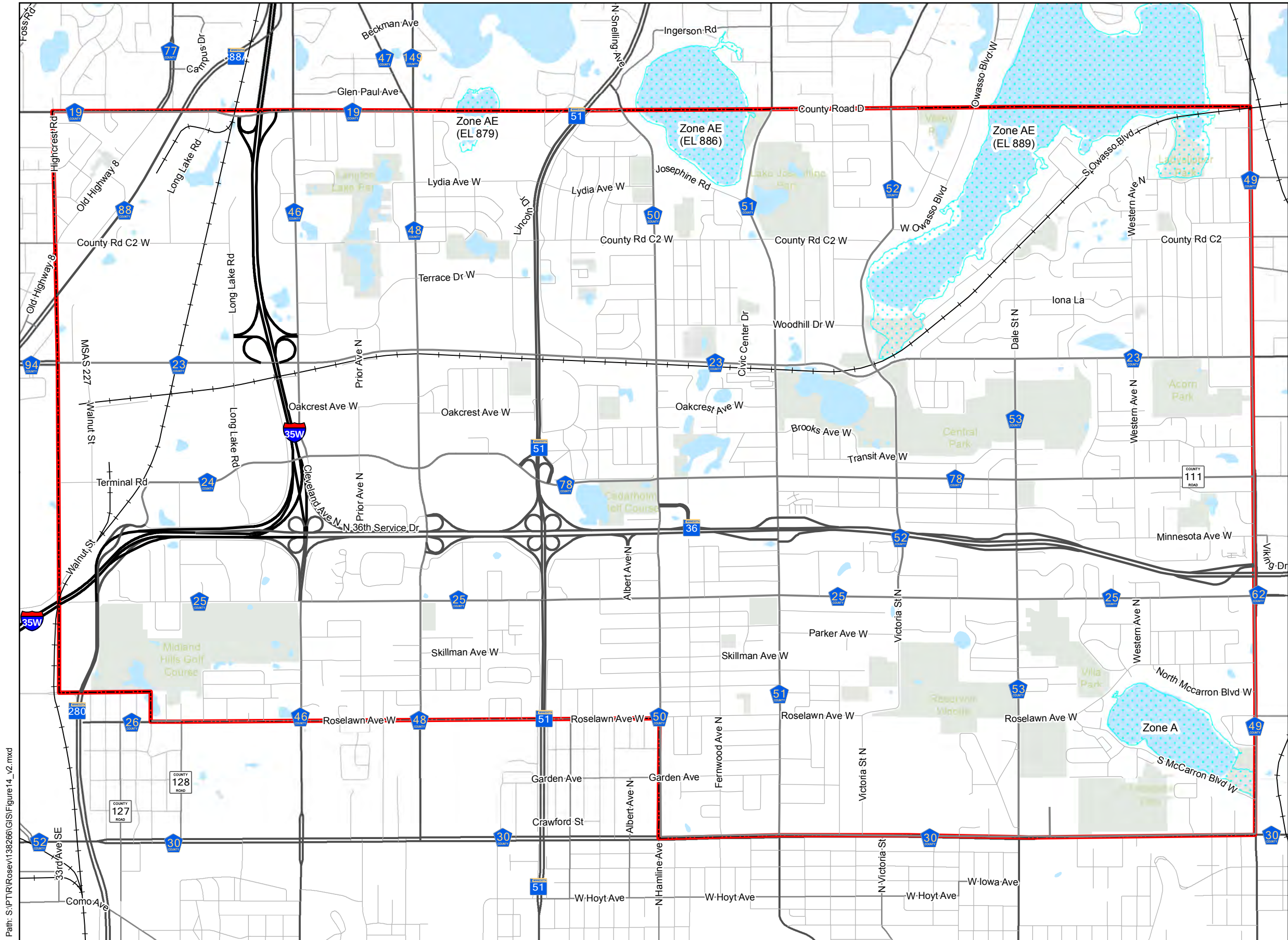
Roseville, Minnesota

National Wetlands
Inventory

Figure
12



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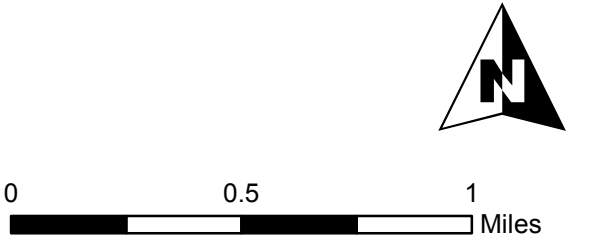
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City Boundary

Special Flood Hazard Areas

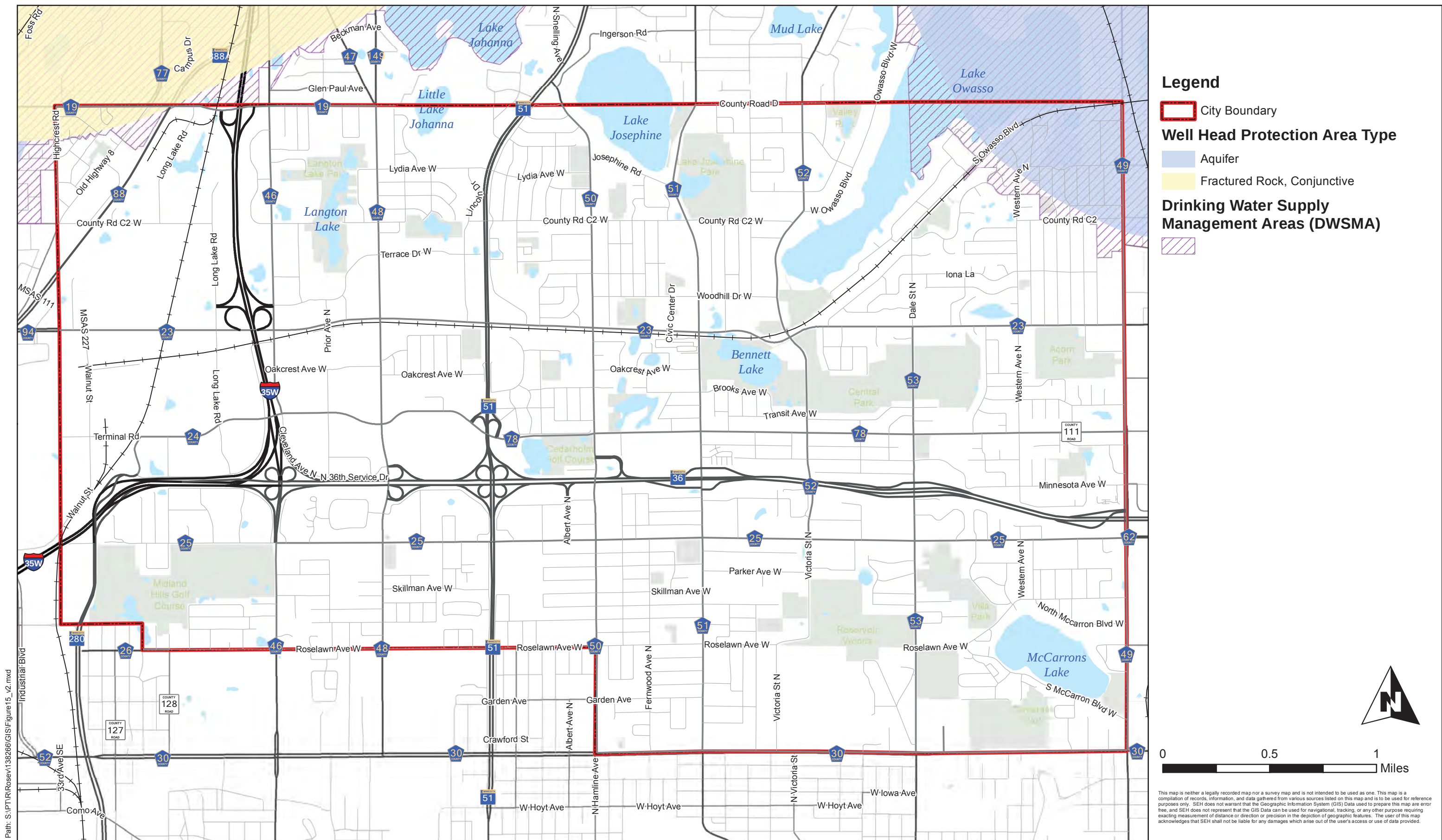
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A and AE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

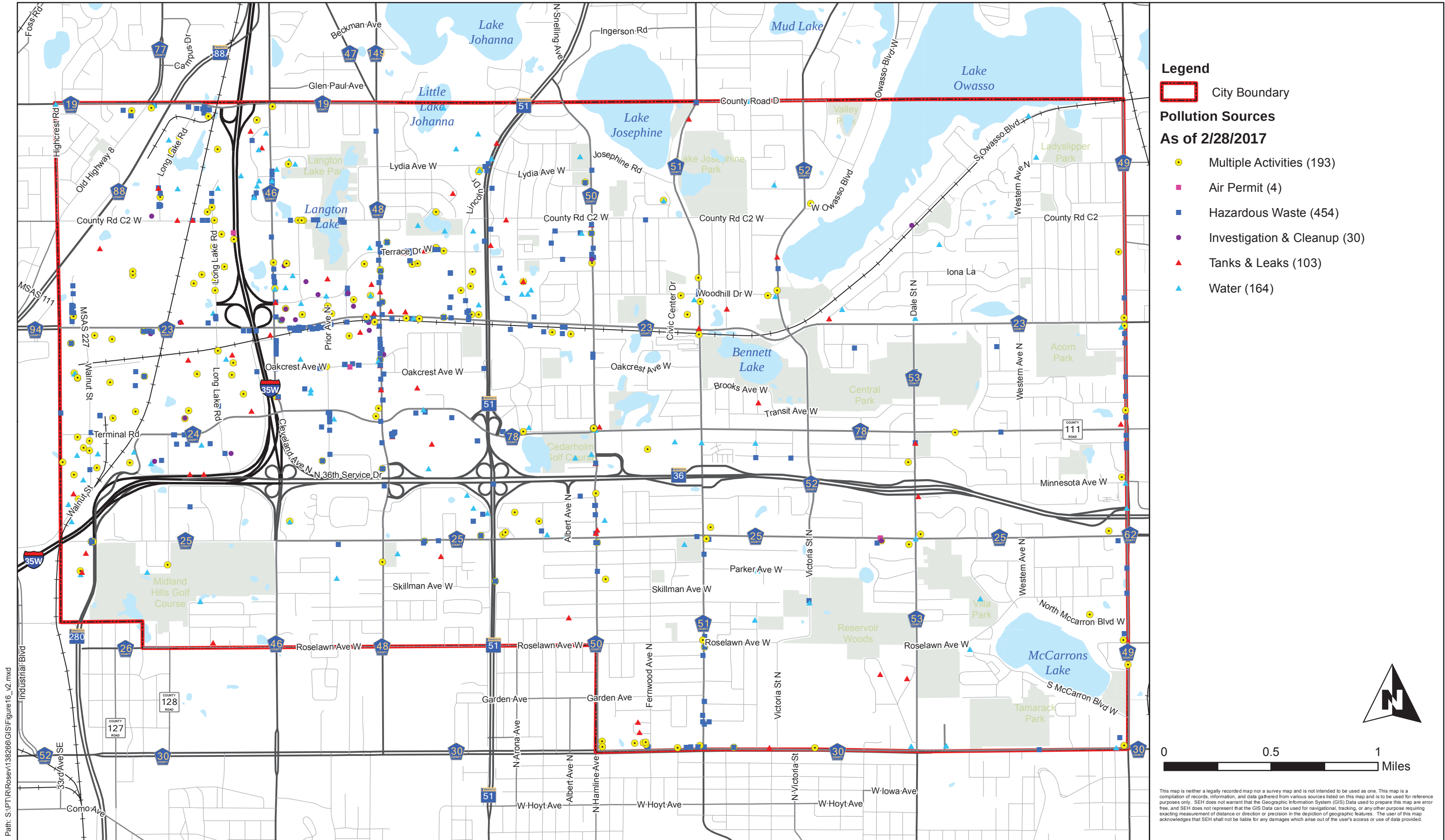
Zone A	No Base Flood Elevations determined
Zone AE	Base Flood Elevations determined
Zone X	Areas outside 0.2% annual chance flood



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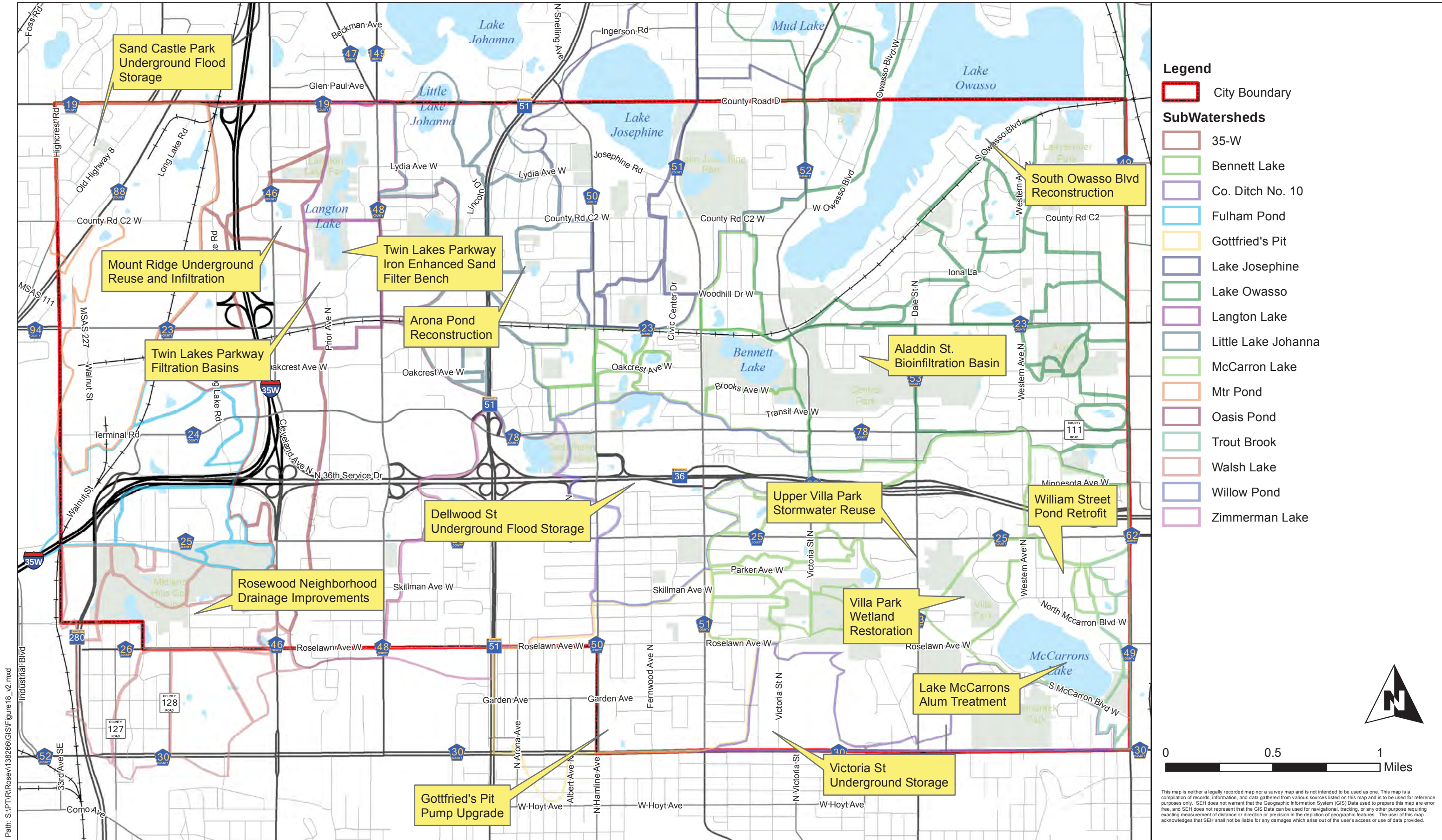
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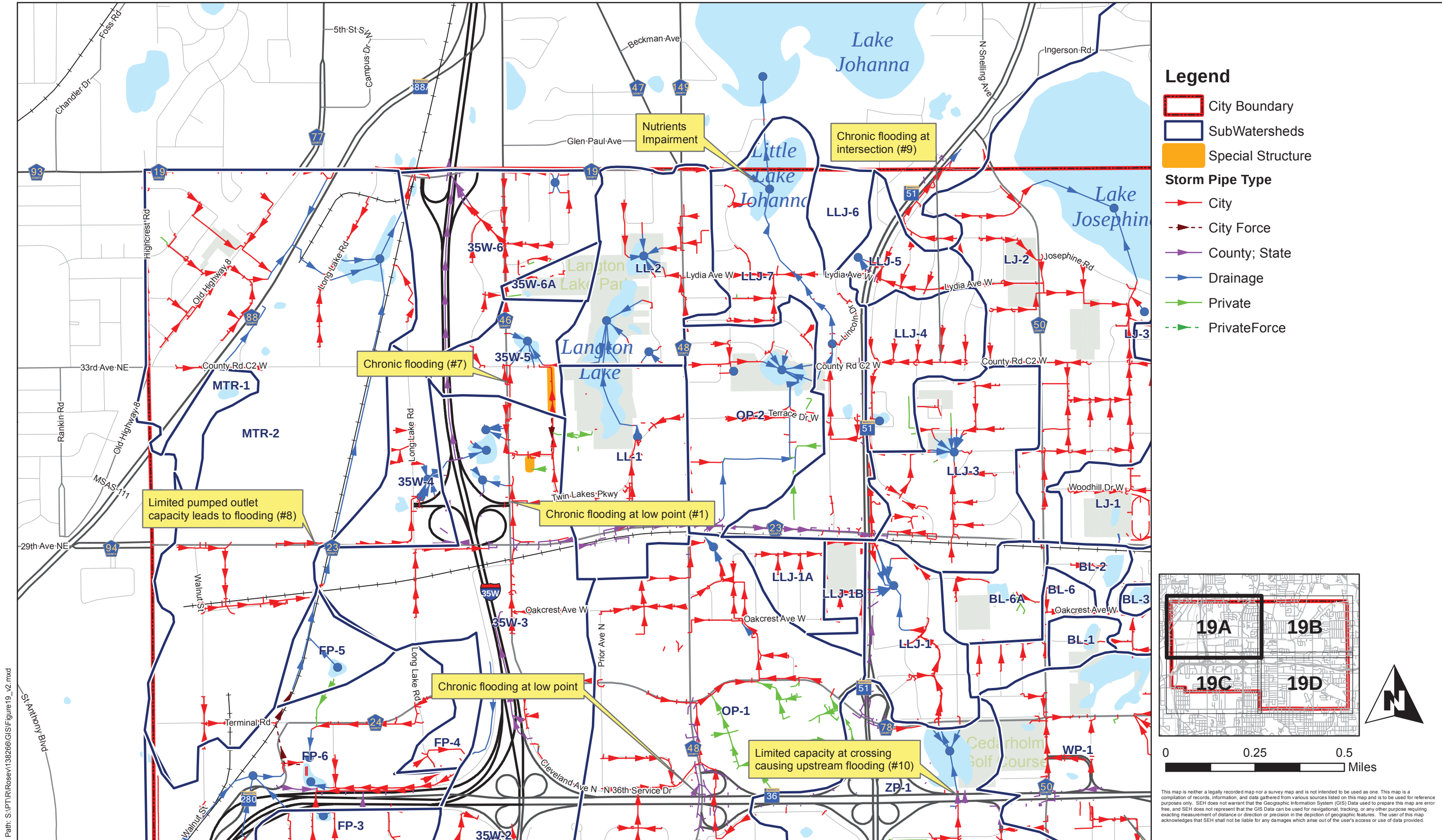
Roseville, Minnesota

Pollution Sources

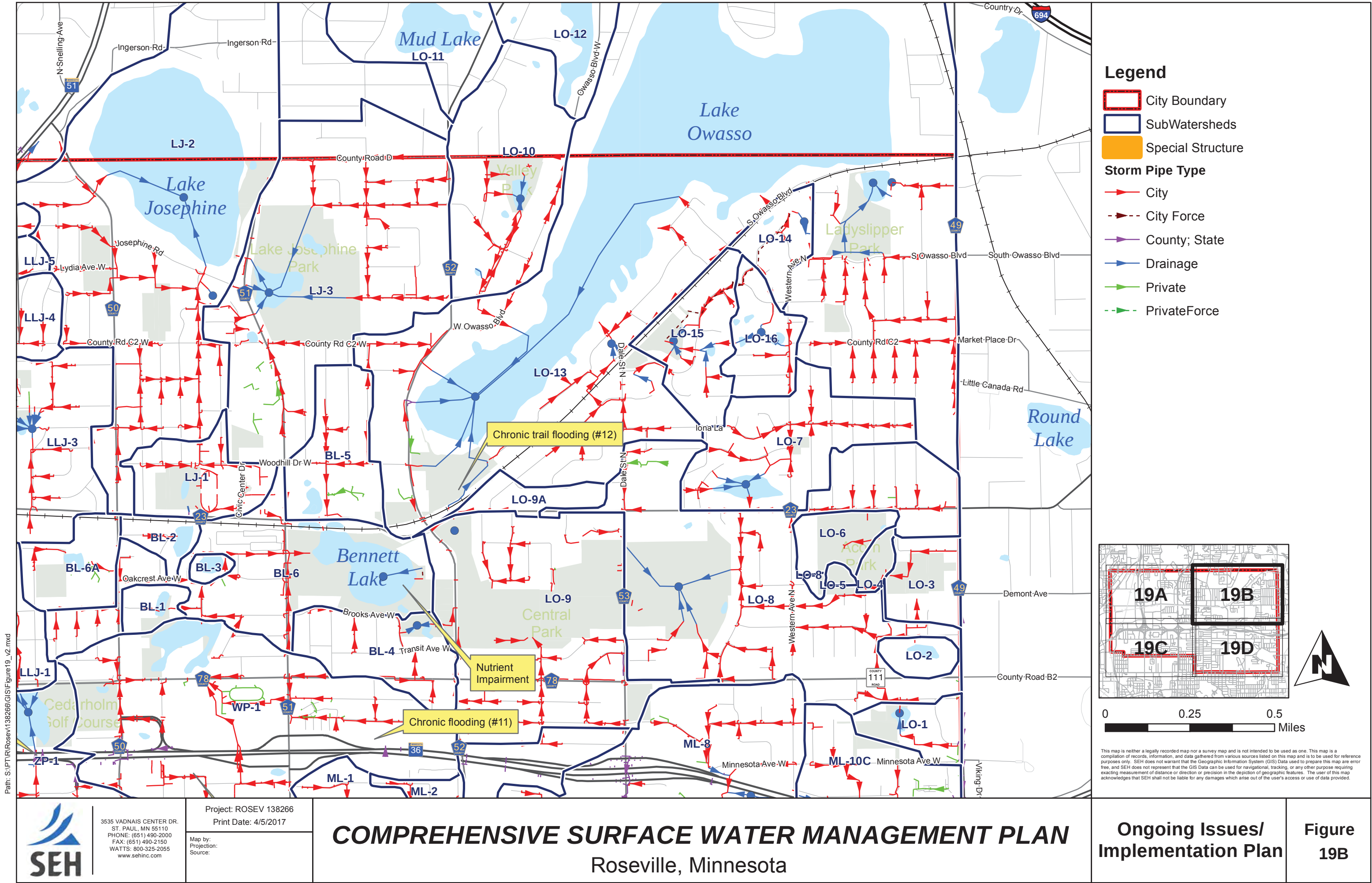
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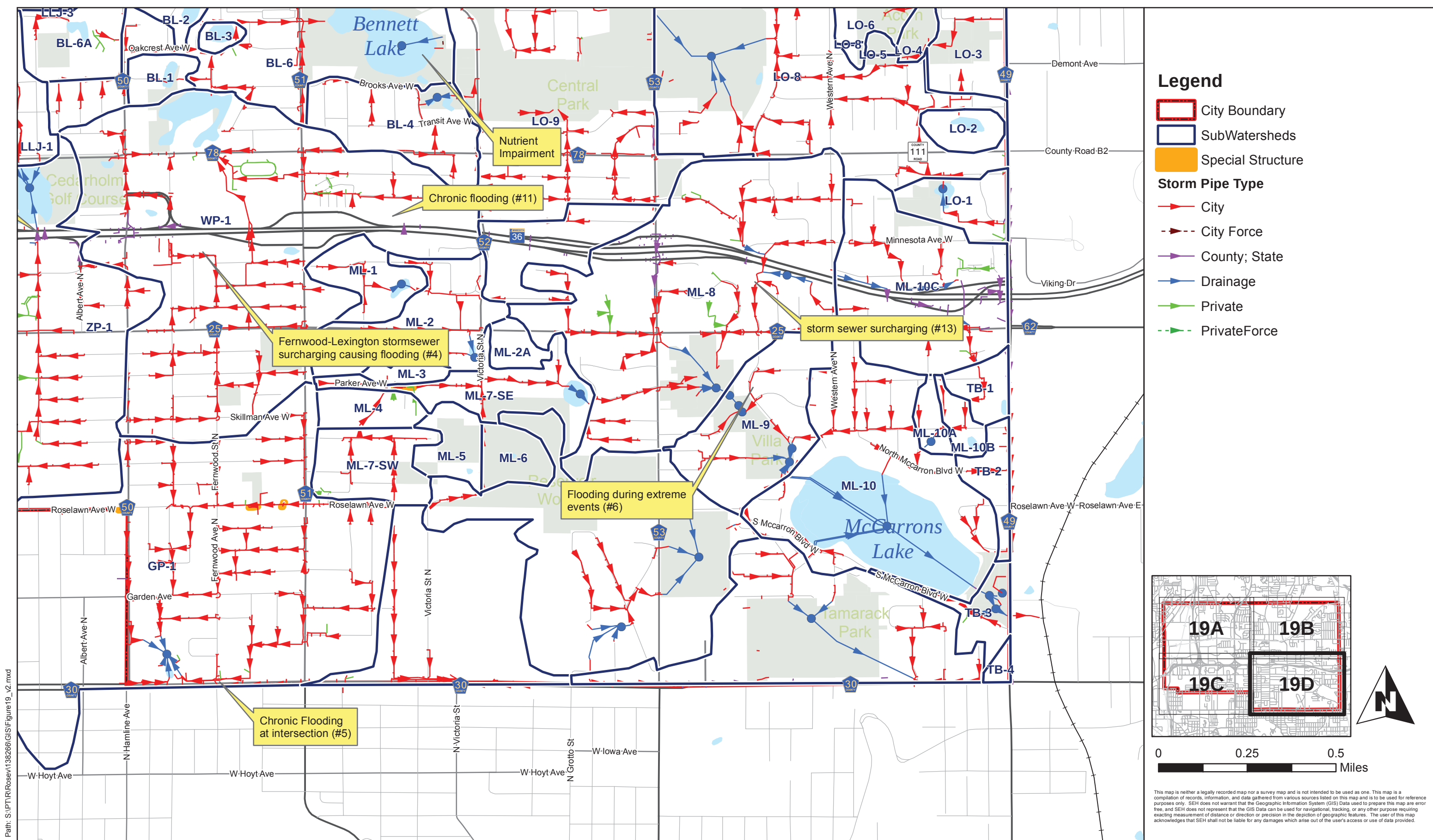


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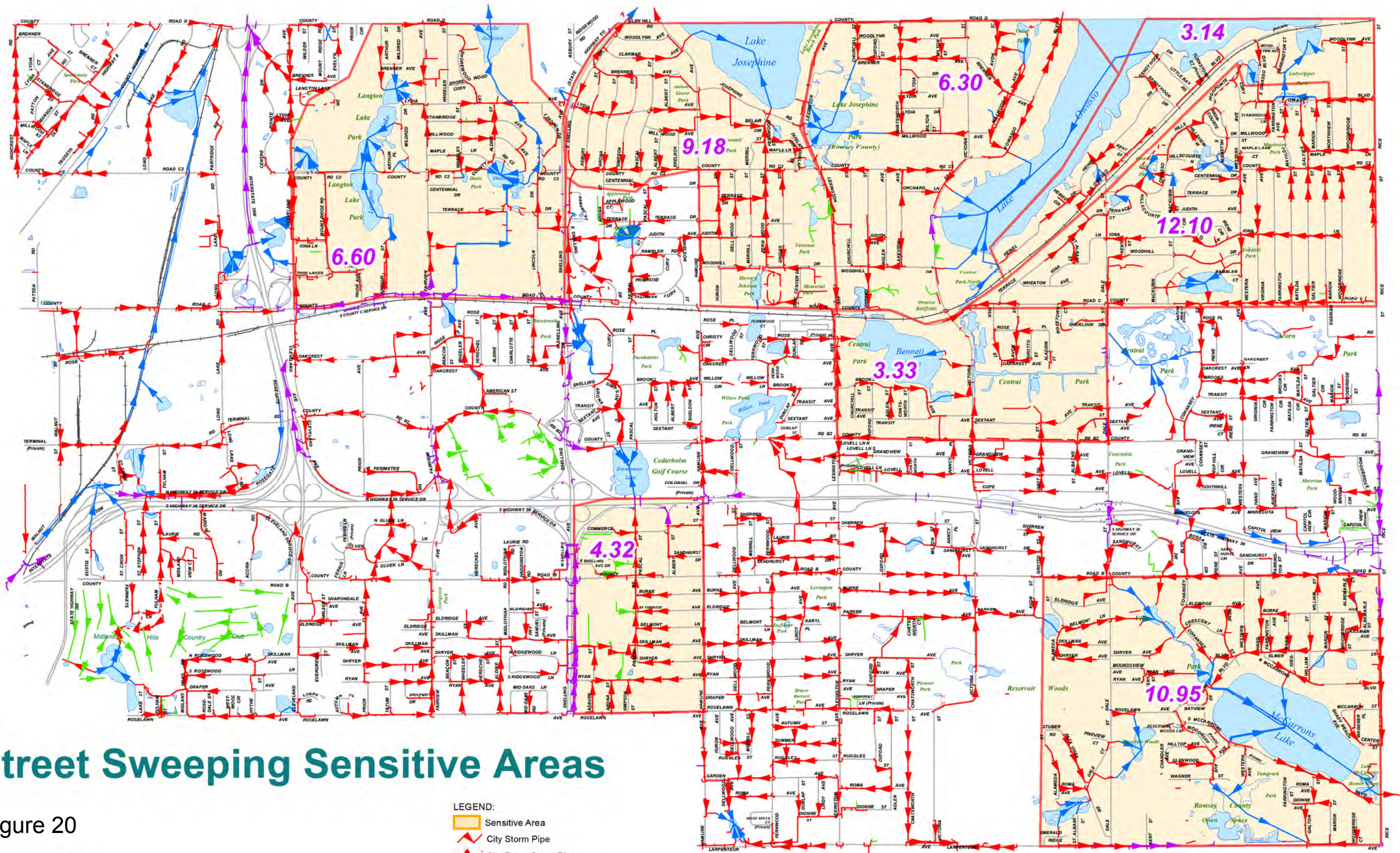


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Street Sweeping Sensitive Areas

Figure 20

