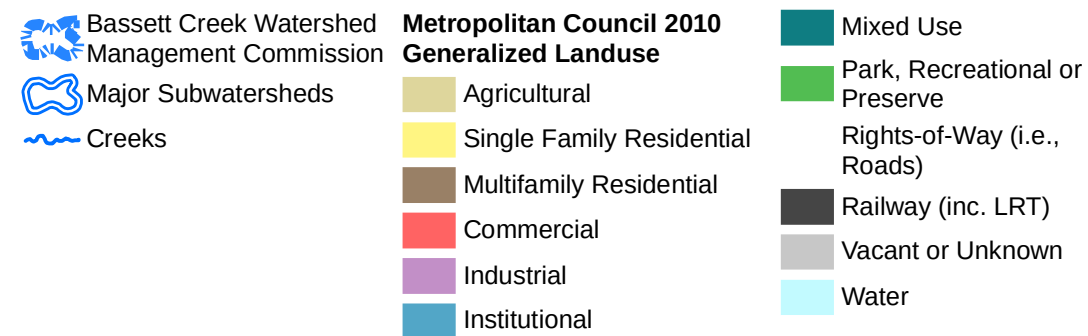
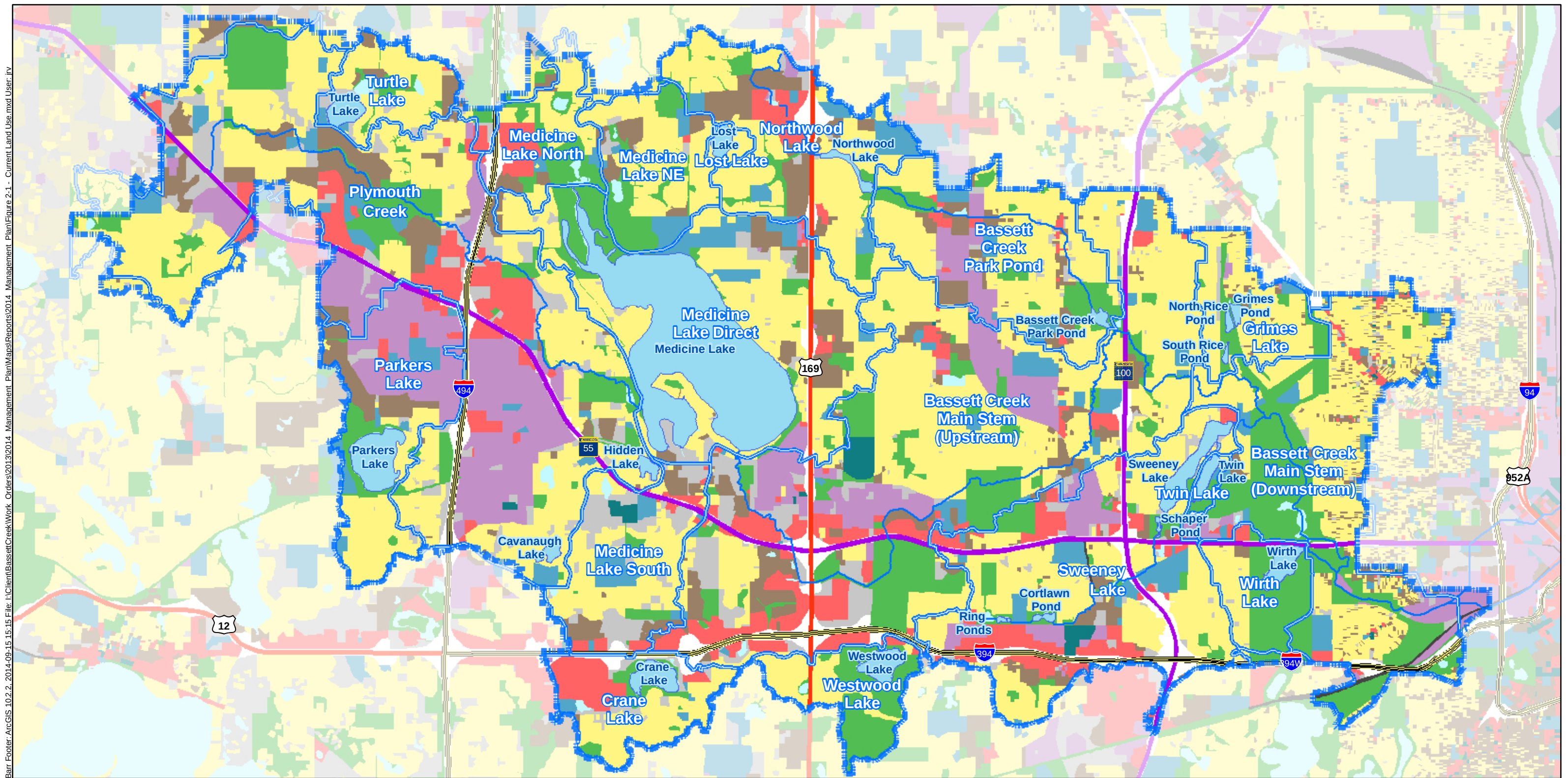


Barr Footer: ArcGIS 10.2.2, 2014-09-15 15:15:15 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\Map\BassettCreek\MapFigure 2-1 - Current Land Use.mxd User: jrv



DRAFT

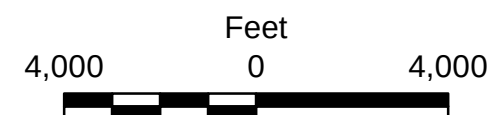
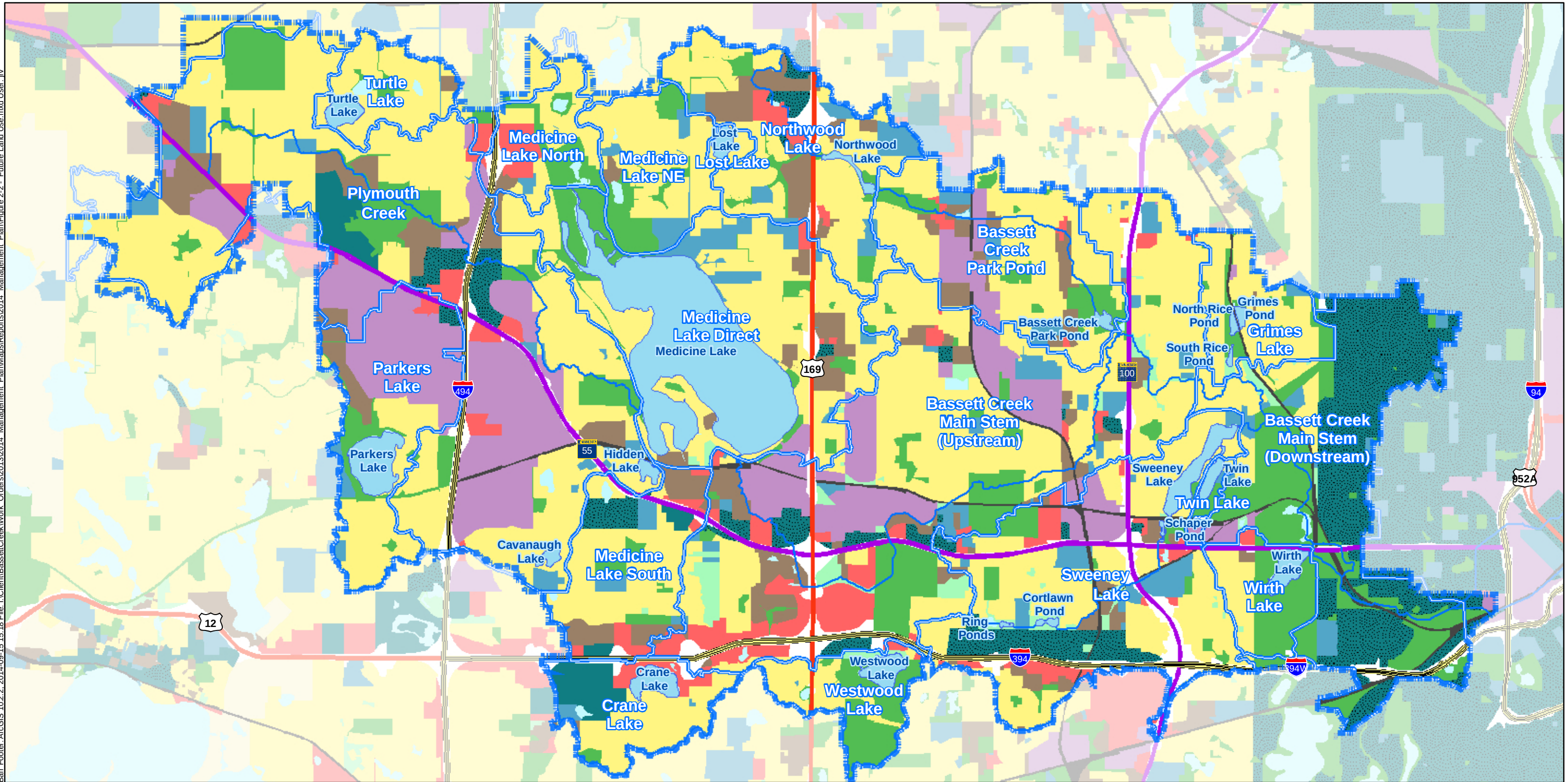


Figure 2-1

CURRENT LAND USE
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**

Barr Footer: ArcGIS 10.2.2, 2014-09-15 15:18 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\Map\BassettCreek\MapFigure 2-2 - Future Land Use.mxd User: iv



-  Bassett Creek Watershed Management Commission
-  Major Subwatersheds
-  Creeks
- Metropolitan Council - Planned Land Use**
-  Rural or Large-Lot Residential
 -  Single Family Residential
 -  Multifamily Residential
 -  Commercial
 -  Industrial
 -  Institutional
-  Mixed Use
-  Multi-Optional Development
-  Park and Recreation
-  Open Space or Restrictive Use
-  Rights-of-Way (i.e., Roads)
-  Railway (inc. LRT)
-  Open Water

DRAFT

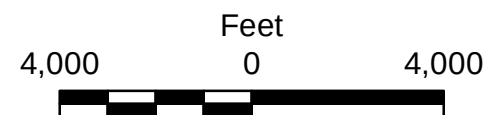


Figure 2-2

FUTURE LAND USE
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**

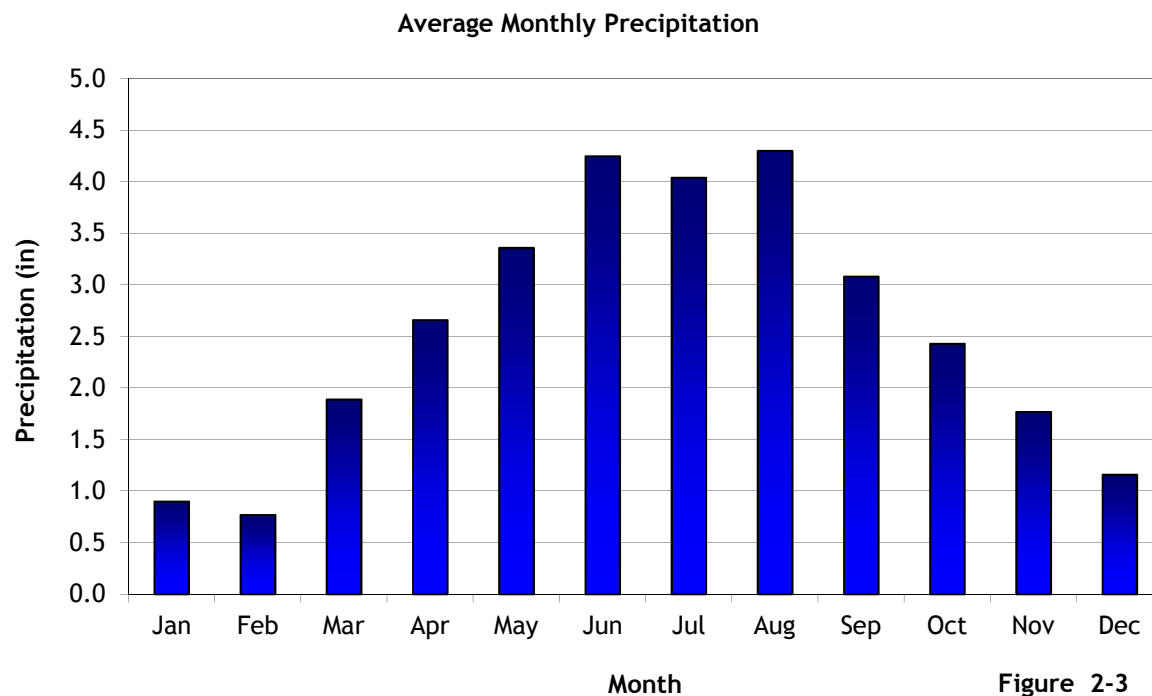
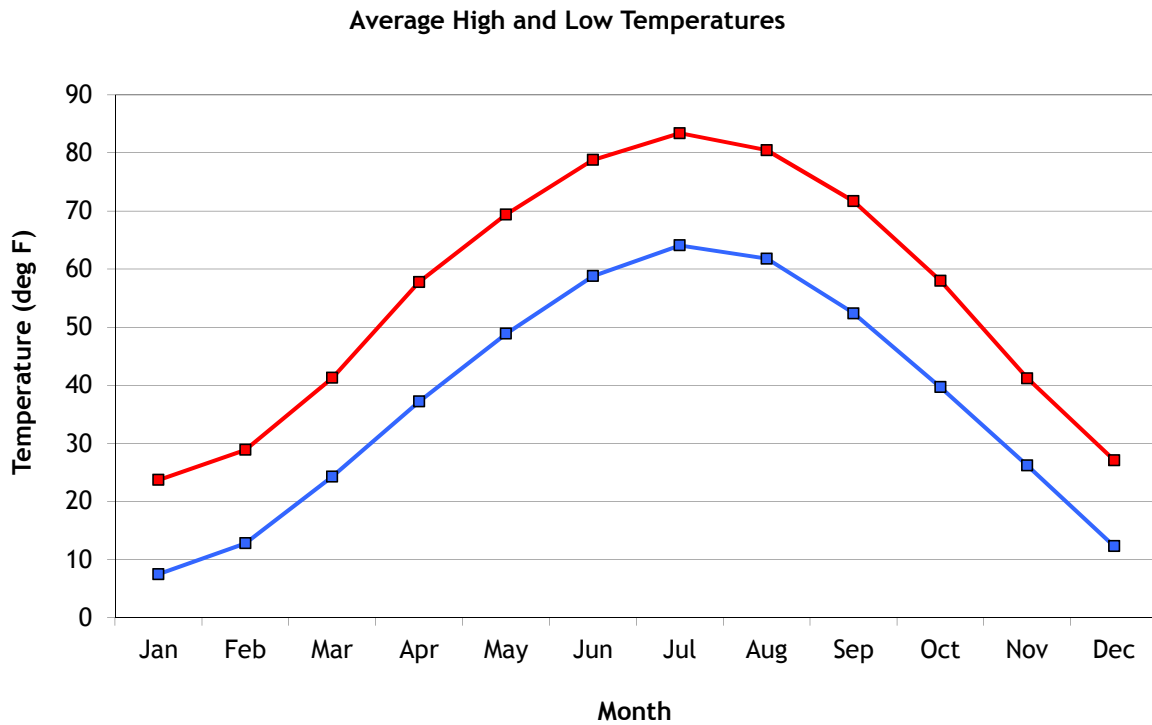
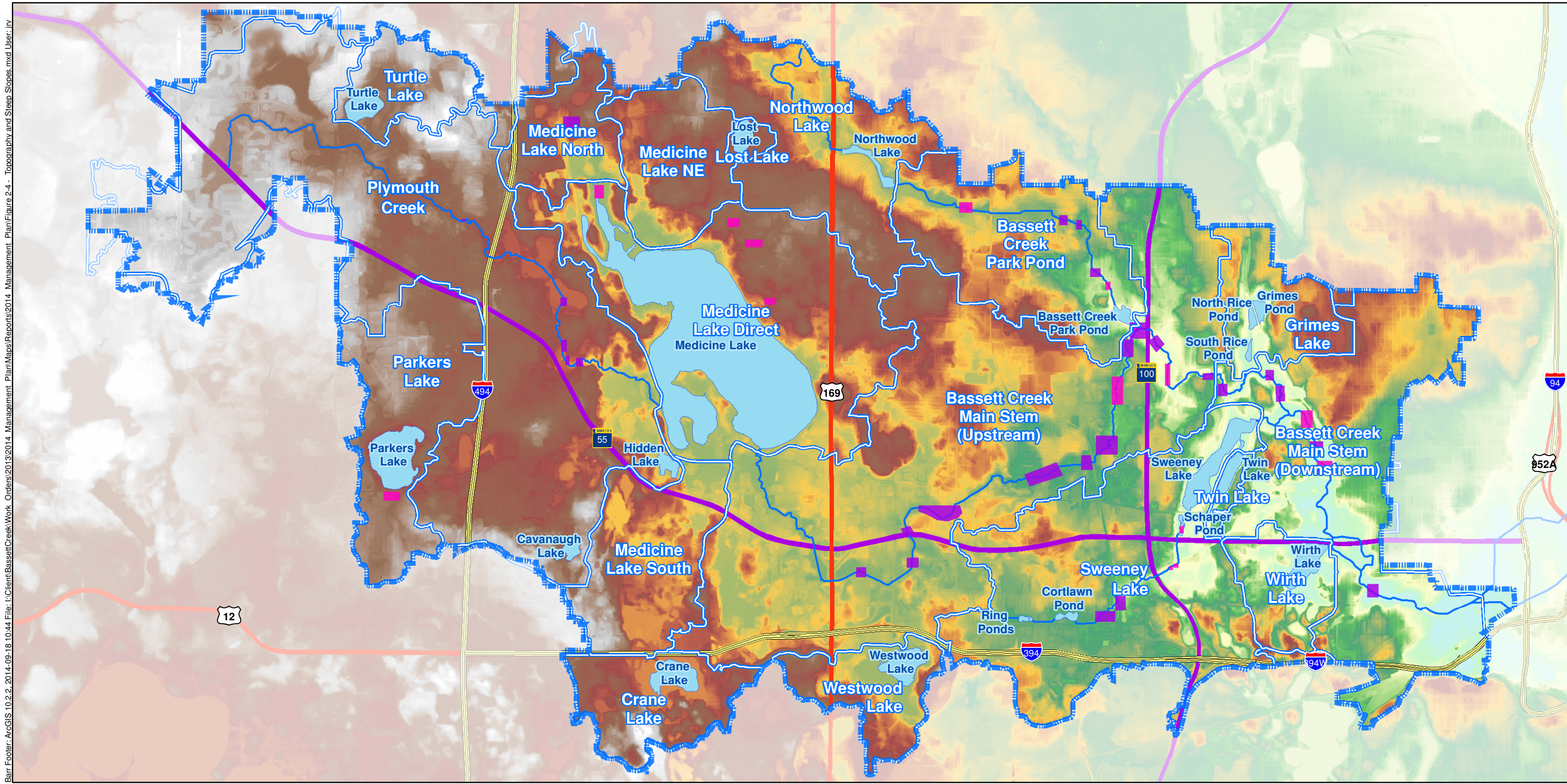


Figure 2-3
Average Monthly High & Low
Temperatures and Precipitation
for Minneapolis-St. Paul
International Airport
(1981-2010)



Bar Footer: ArcGIS 10.2.2, 2014-09-18 10:44 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\Map\BassettCreek\MapFigure 2-4 - Topography and Steep Slopes.mxd User: iv

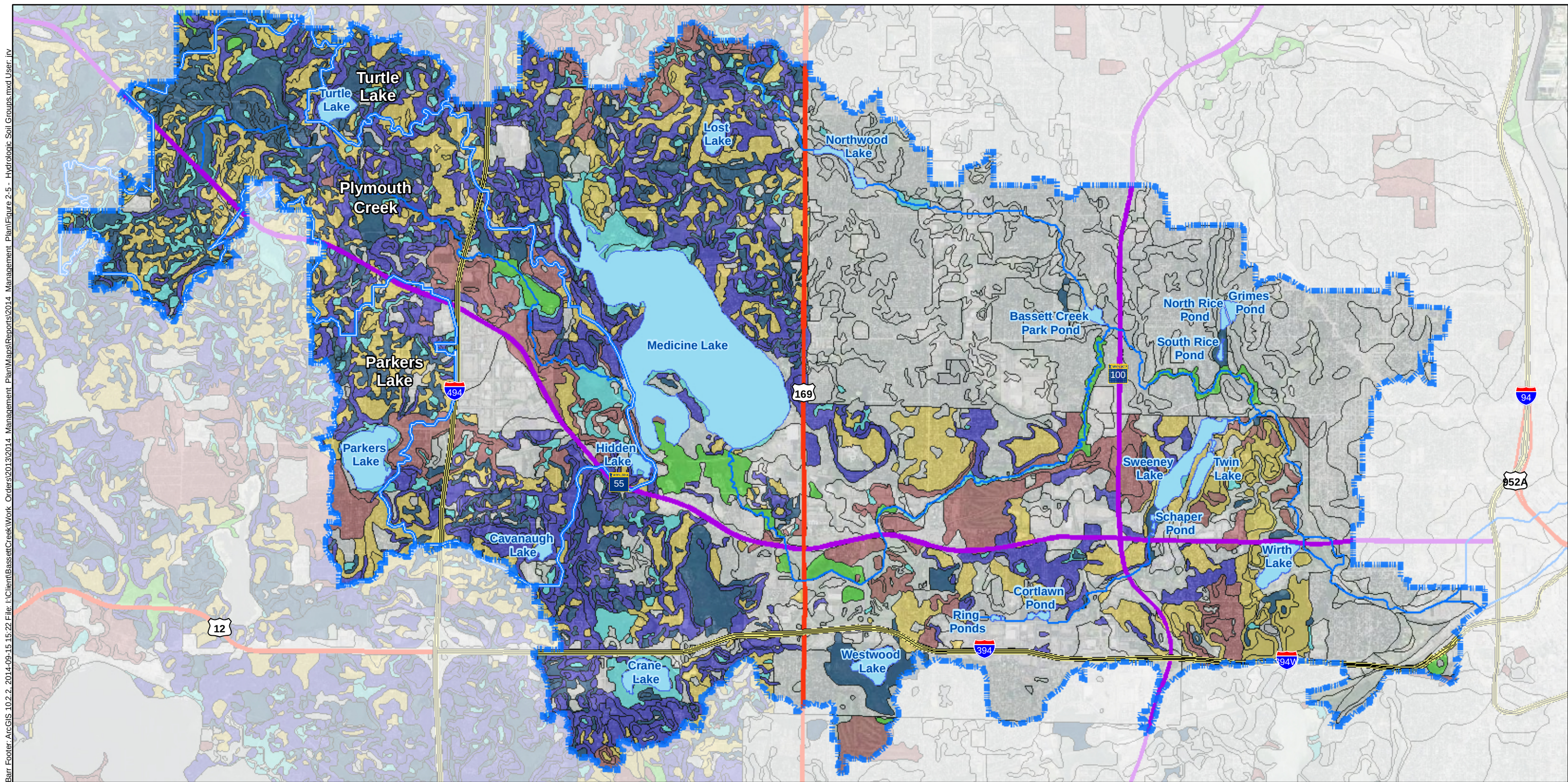
DRAFT



Figure 2-4

TOPOGRAPHY AND STEEP SLOPES
Bassett Creek Watershed
Management Commission
2014 Management Plan

Barr Footer: ArcGIS 10.2.2, 2014-09-15 15:22 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\Figure 2-5 - Hydrologic Soil Groups.mxd User: iv



**Bassett Creek Watershed Management Commission**

 Creeks

Hydrologic Soil Groups

 A

 A/D

 B

 B/D

 C

 C/D

 Not rated or not available

DRAFT

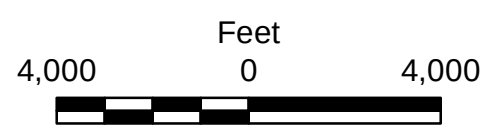


Figure 2-5

HYDROLOGIC SOIL GROUPS
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**

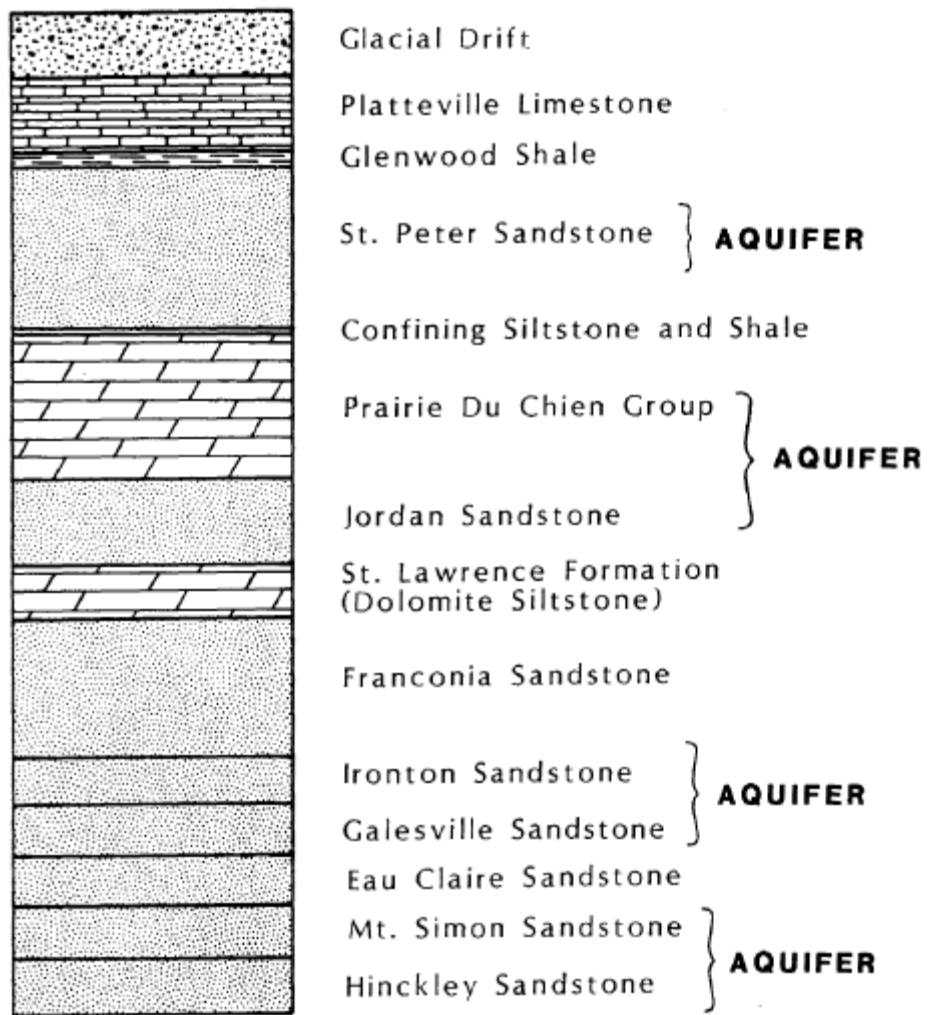
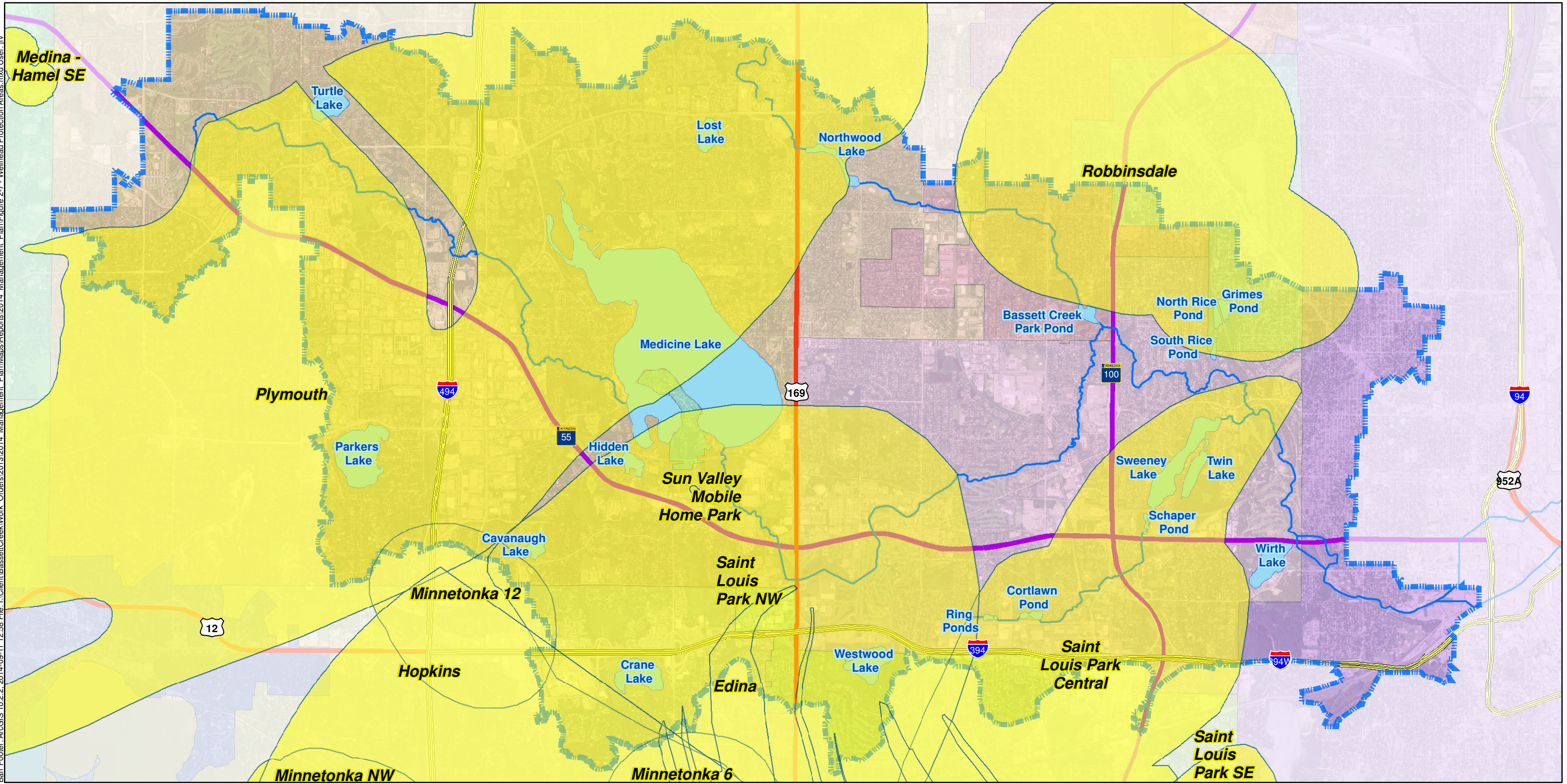


Figure 2-6
Generalized Geologic Section

Bar Footer: ArcGIS 10.2.2, 2014-09-11 12:58 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\Maps\Reports\2014 Management Plan\Figure 2-7 - Wellhead Protection Areas.mxd User: jiv



-  Bassett Creek Watershed Management Commission
-  Creeks
-  Wellhead Protection Area

DRAFT

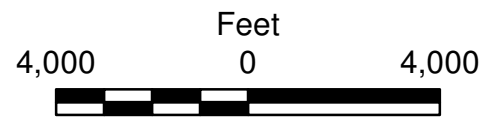


Figure 2-7

WELLHEAD PROTECTION AREA
Bassett Creek Watershed
Management Organization
2014 Management Plan

Barr Footer: ArcGIS 10.2.2, 2014-09-16 14:37 File: I:\Client\BassettCreek\Work_Orders\2013\2014 Management Plan\BassettCreek\Barr\BarrFigure 2-8 - Public Waters Inventory.mxd User: iv

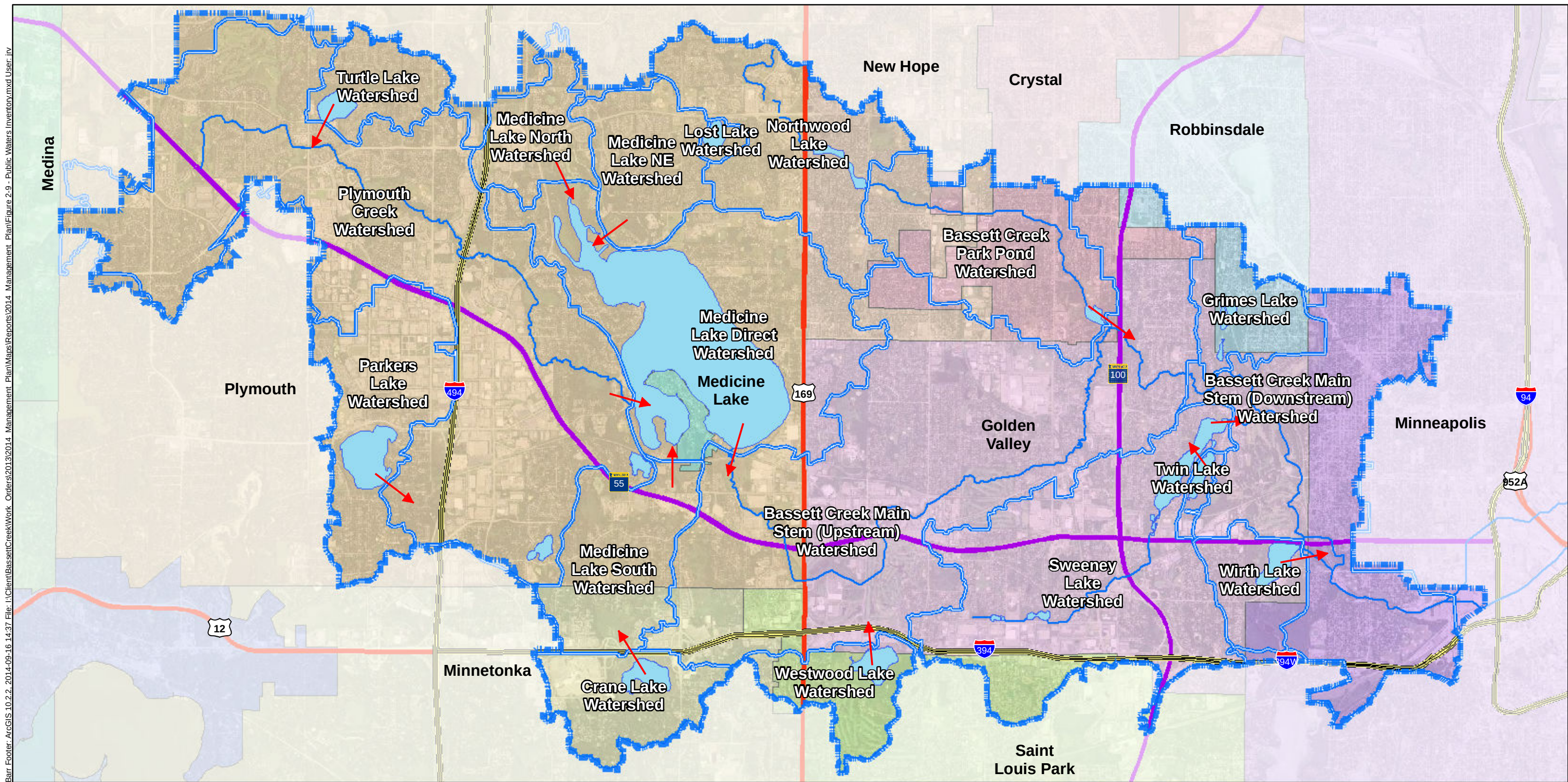
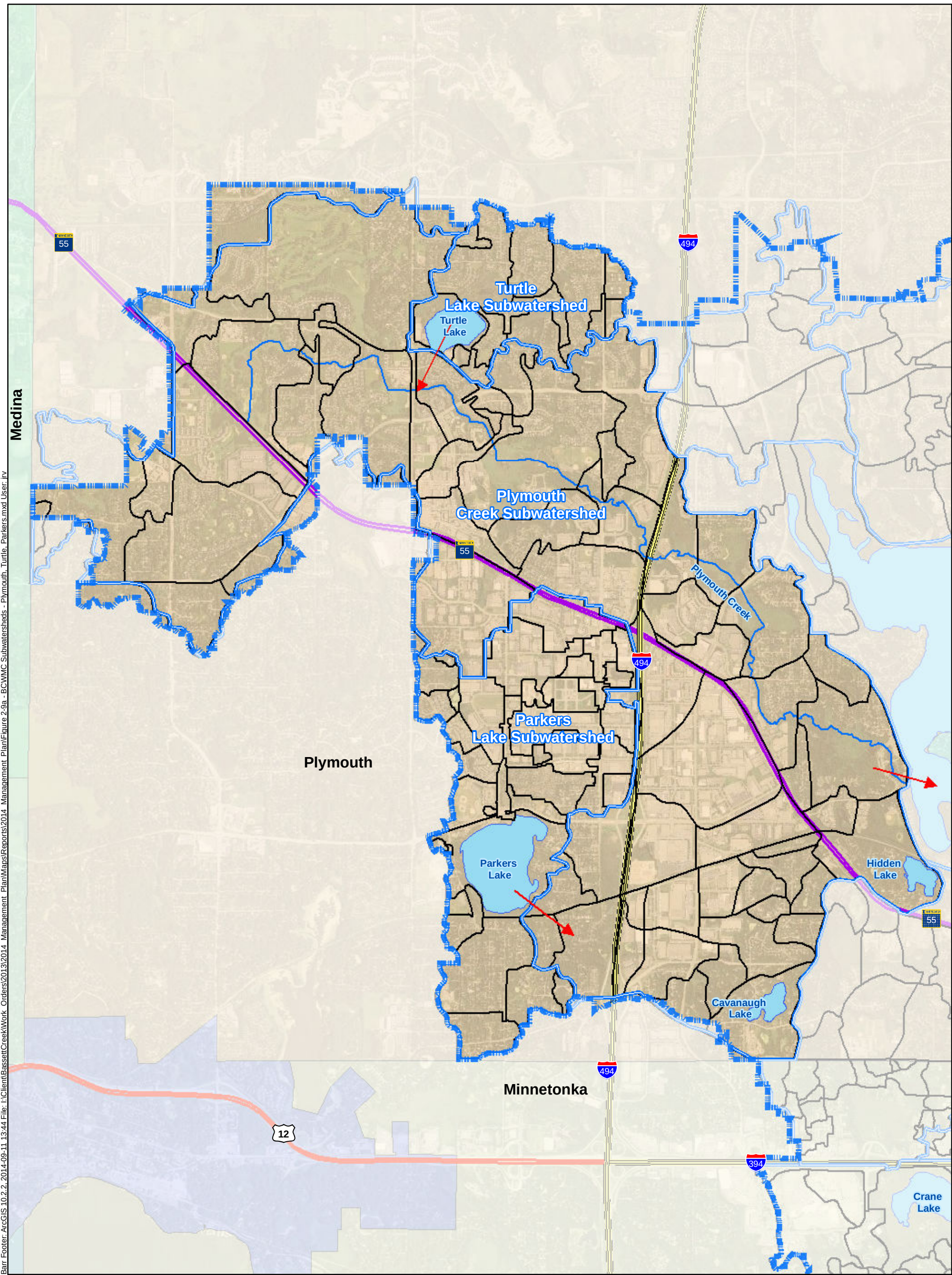


Figure 2-8

BCWMC MAJOR SUBWATERSHEDS
AND DRAINAGE PATTERNS
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**



-  Bassett Creek Watershed Management Commission
-  Major Subwatersheds
-  Watersheds
-  Flow Directions
-  Lakes and Ponds
-  Creeks

DRAFT

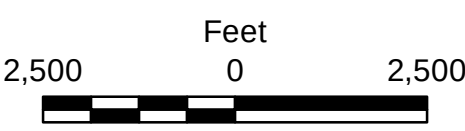
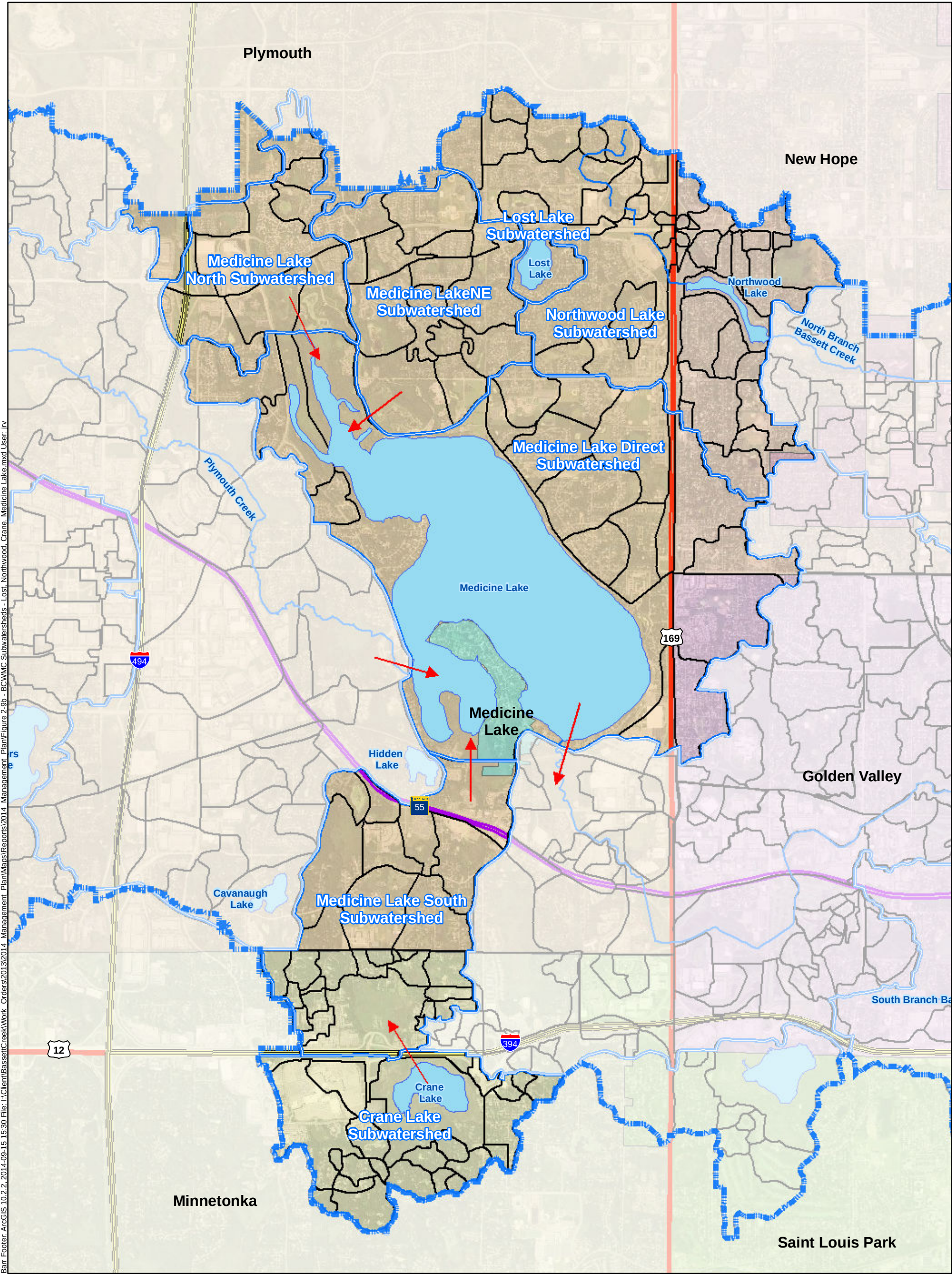


Figure 2-8a

PLYMOUTH CREEK, TURTLE
LAKE, AND PARKERS LAKE
SUBWATERSHEDS
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**



Barr Footer: ArcGIS 10.2.2, 2014-09-15 15:30 File: I:\Client\BassettCreek\Work_Orders\2013\2014 Management Plan\Figure 2-8b - BCWMC Subwatersheds - Lost, Northwood, Crane, Medicine Lake.mxd User: iv

- Bassett Creek Watershed Management Commission
- Major Subwatersheds
- Watersheds
- Flow Directions
- Lakes and Ponds
- Creeks

DRAFT

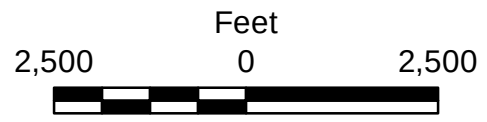
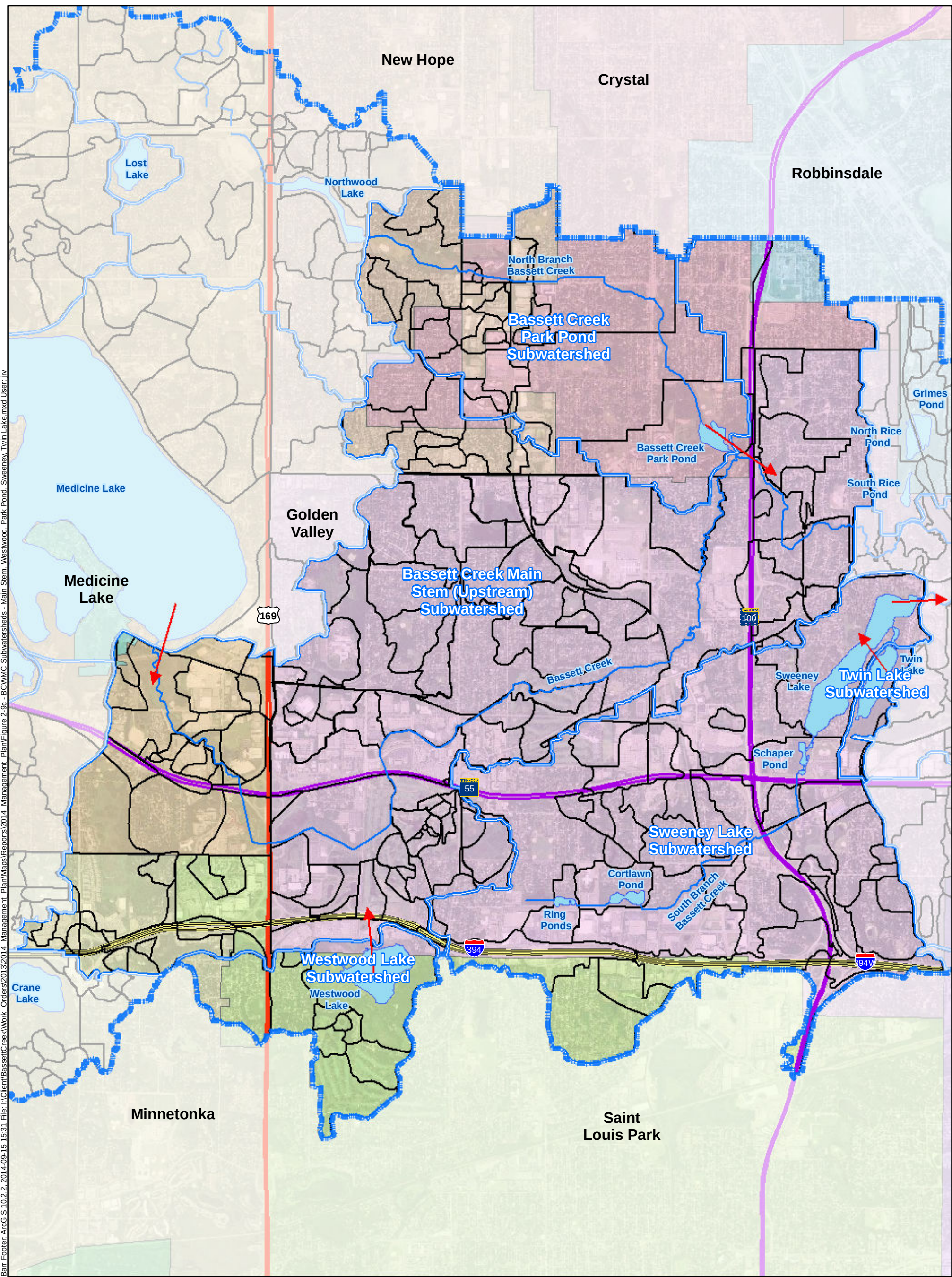


Figure 2-8b

LOST, NORTHWOOD, CRANE,
MEDICINE LAKE
SUBWATERSHEDS
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**



- Bassett Creek Watershed Management Commission
- Major Subwatersheds
- Watersheds
- Flow Directions
- Lakes and Ponds
- Creeks

DRAFT

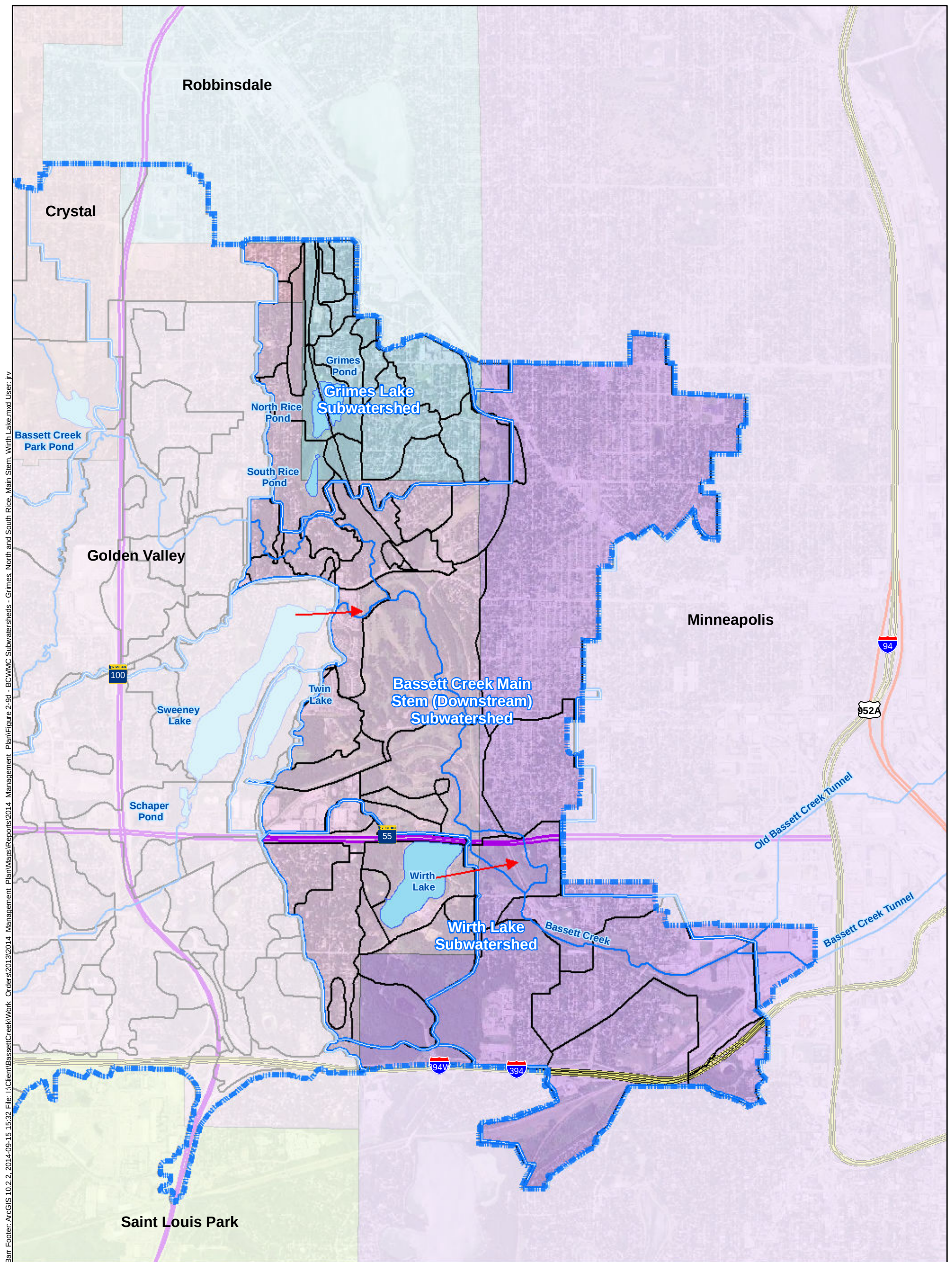


Feet
2,500 0 2,500

Figure 2-8c

MAIN STEM, WESTWOOD,
PARK POND, SWEENEY, TWIN
LAKE SUBWATERSHEDS
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**



-  Bassett Creek Watershed Management Commission
-  Major Subwatersheds
-  Watersheds
-  Flow Directions
-  Lakes and Ponds
-  Creeks

DRAFT



Feet

2,000 0 2,000



Figure 2-8d

GRIMES, NORTH AND SOUTH
RICE, MAIN STEM DOWNSTREAM,
WIRTH LAKE SUBWATERSHEDS
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**

Barr Footer: ArcGIS 10.2.2, 2014-09-16 14:37 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\Map\BassettCreek\MapFigure 2-9 - Public Waters Inventory.mxd User: jrv

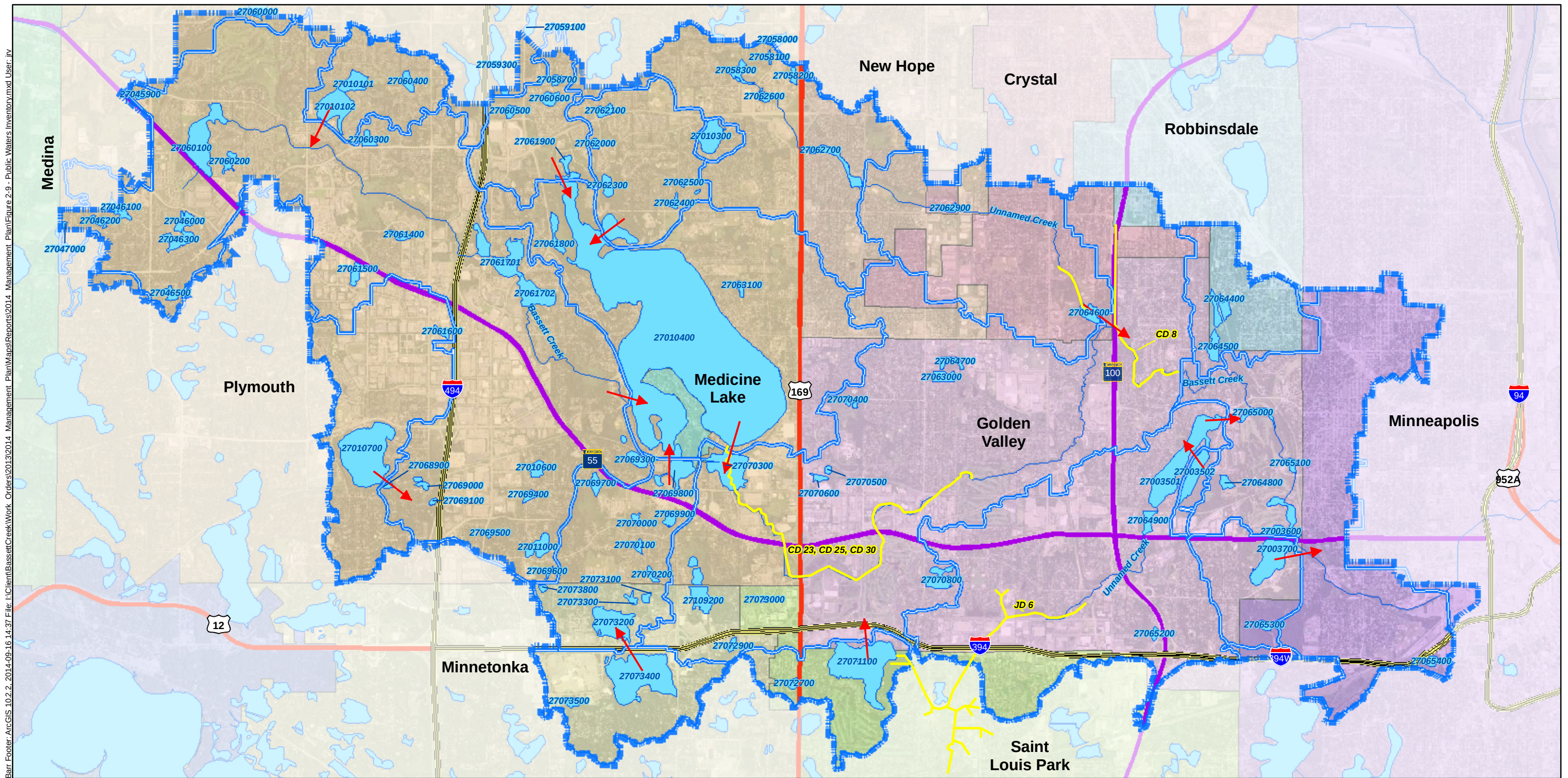
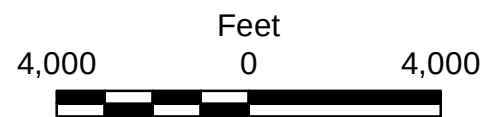


Figure 2-9

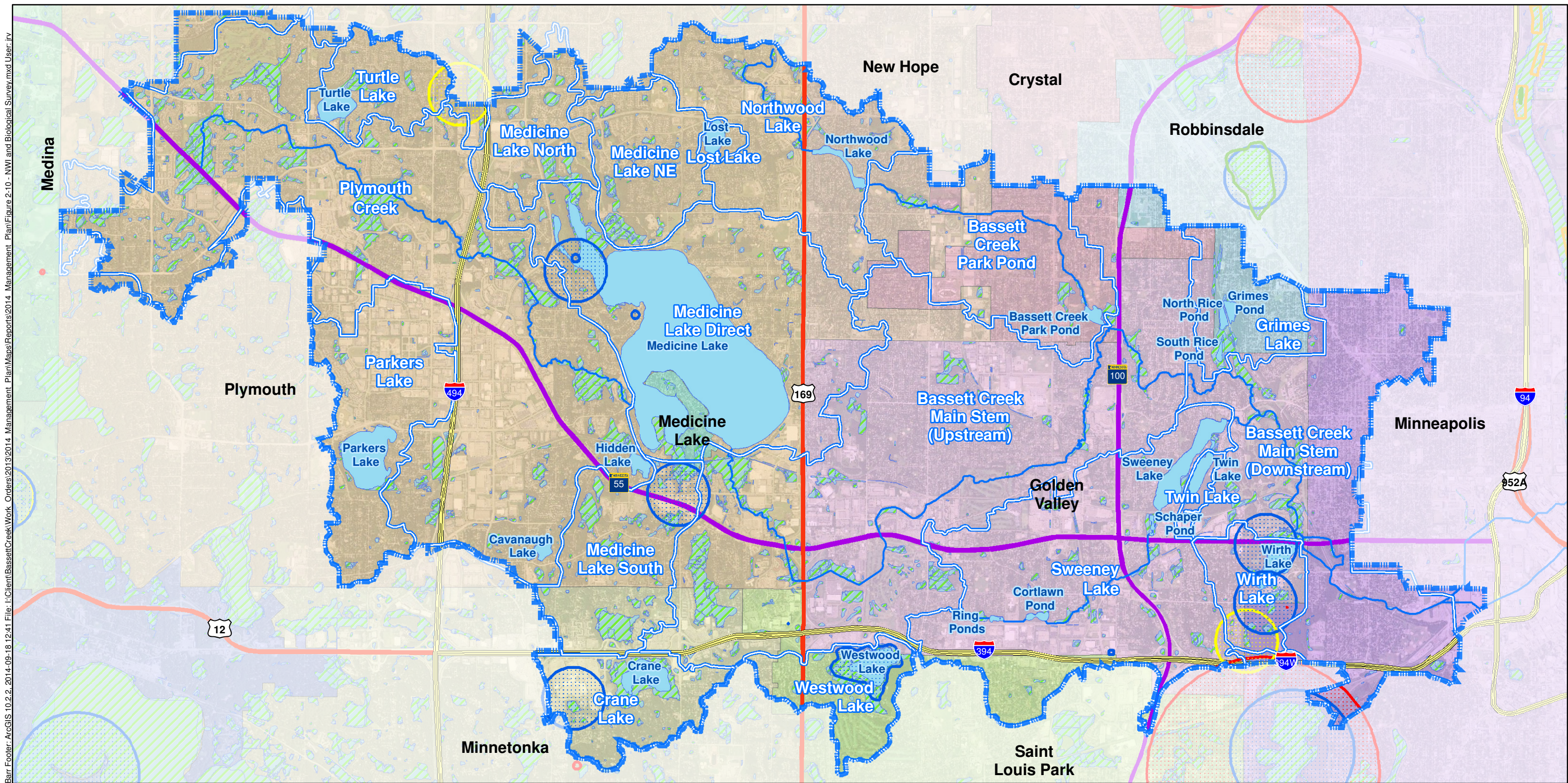
PUBLIC WATERS INVENTORY
AND PUBLIC DITCHES
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**

DRAFT



Bar Footer: ArcGIS 10.2.2, 2014-09-18 12:41 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\Maps\BassettCreek\MapFigure 2-10 - NWI and Biological Survey.mxd User: iv



-  Bassett Creek Watershed Management Commission
-  Major Subwatersheds
-  Creeks
-  Wetlands (MN DNR NWI East Central Update)
- NHIS Rare Natural Features**
-  Vertebrate
-  Community
-  Invertebrate
-  Vascular Plant
-  Animal

DRAFT



Feet

4,000 0 4,000

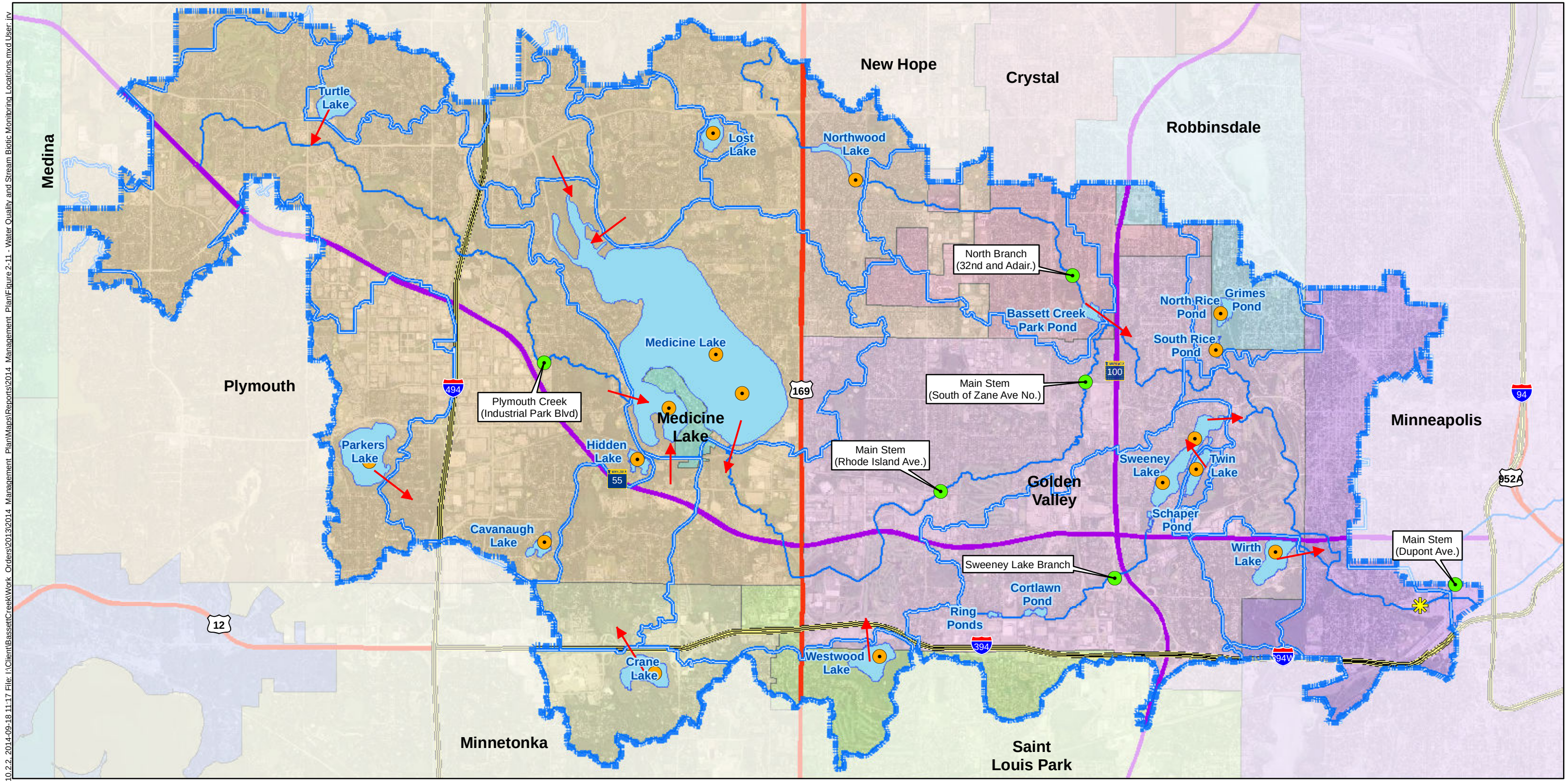
Figure 2-10

NATIONAL WETLAND INVENTORY
AND BIOLOGICAL SURVEY
Bassett Creek Watershed
Management Commission
2014 Management Plan



**Bassett Creek Watershed
Management Commission**

Barr Footer: ArcGIS 10.2.2, 2014-09-18 11:17 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\Maps\Reports\2014 Management Plan\Figure 2-11 - Water Quality and Stream Biotic Monitoring Locations.mxd User: iv



- Bassett Creek Watershed Management Commission
- Major Subwatersheds
- Flow Directions
- Creeks
- Water Quality Monitoring Station
- Biotic Monitoring Locations
- WOMP Station

DRAFT

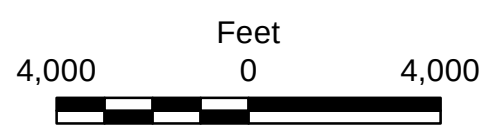


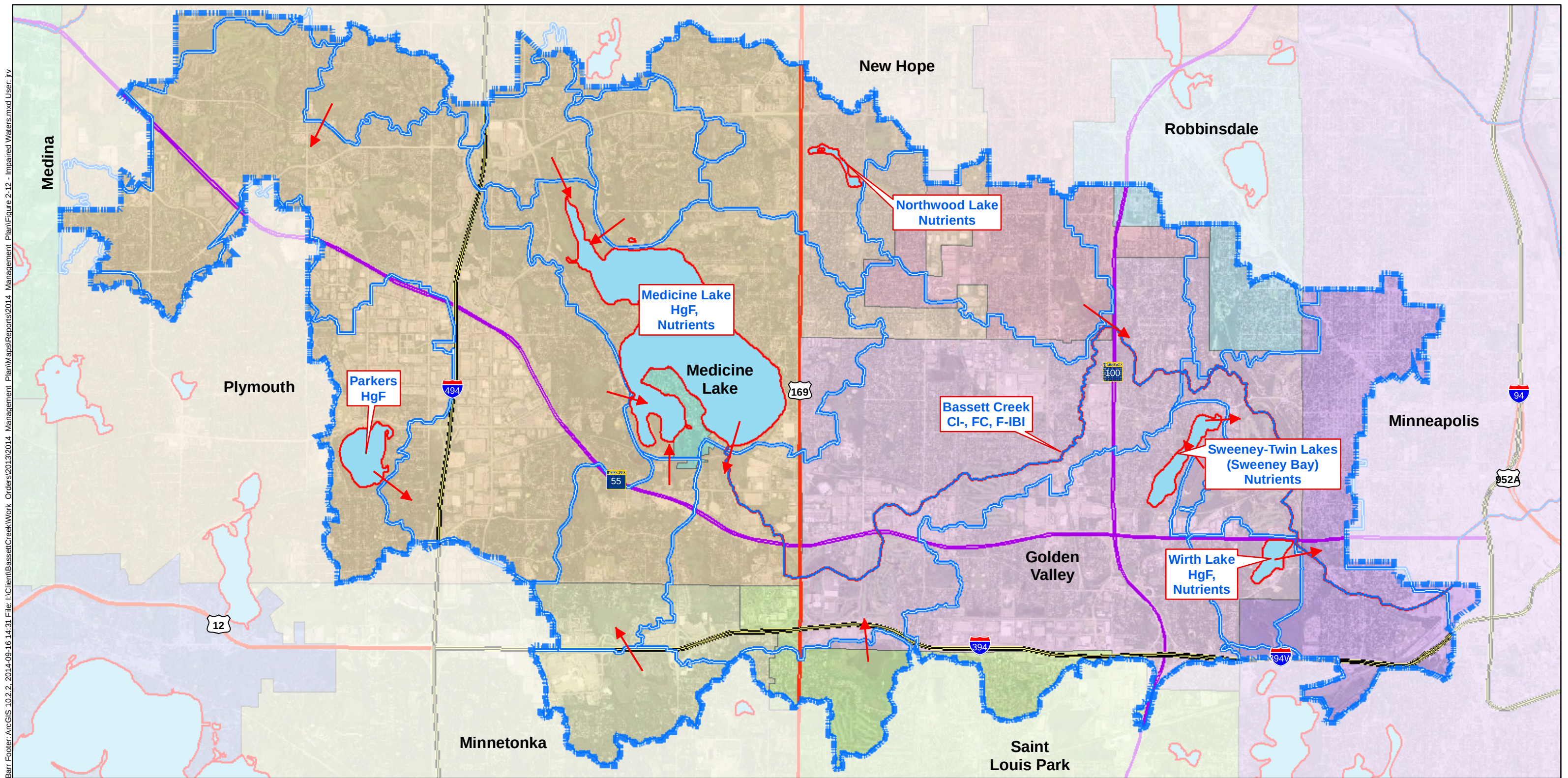
Figure 2-11

WATER QUALITY AND STREAM
BIOTIC MONITORING LOCATIONS

Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**

Barr Footer: ArcGIS 10.2.2, 2014-09-16 14:31 File: I:\Client\BassettCreek\Work_Orders\2013\2014 Management Plan\BassettCreek\MapFigure 2-12 - Impaired Waters.mxd User: rrv



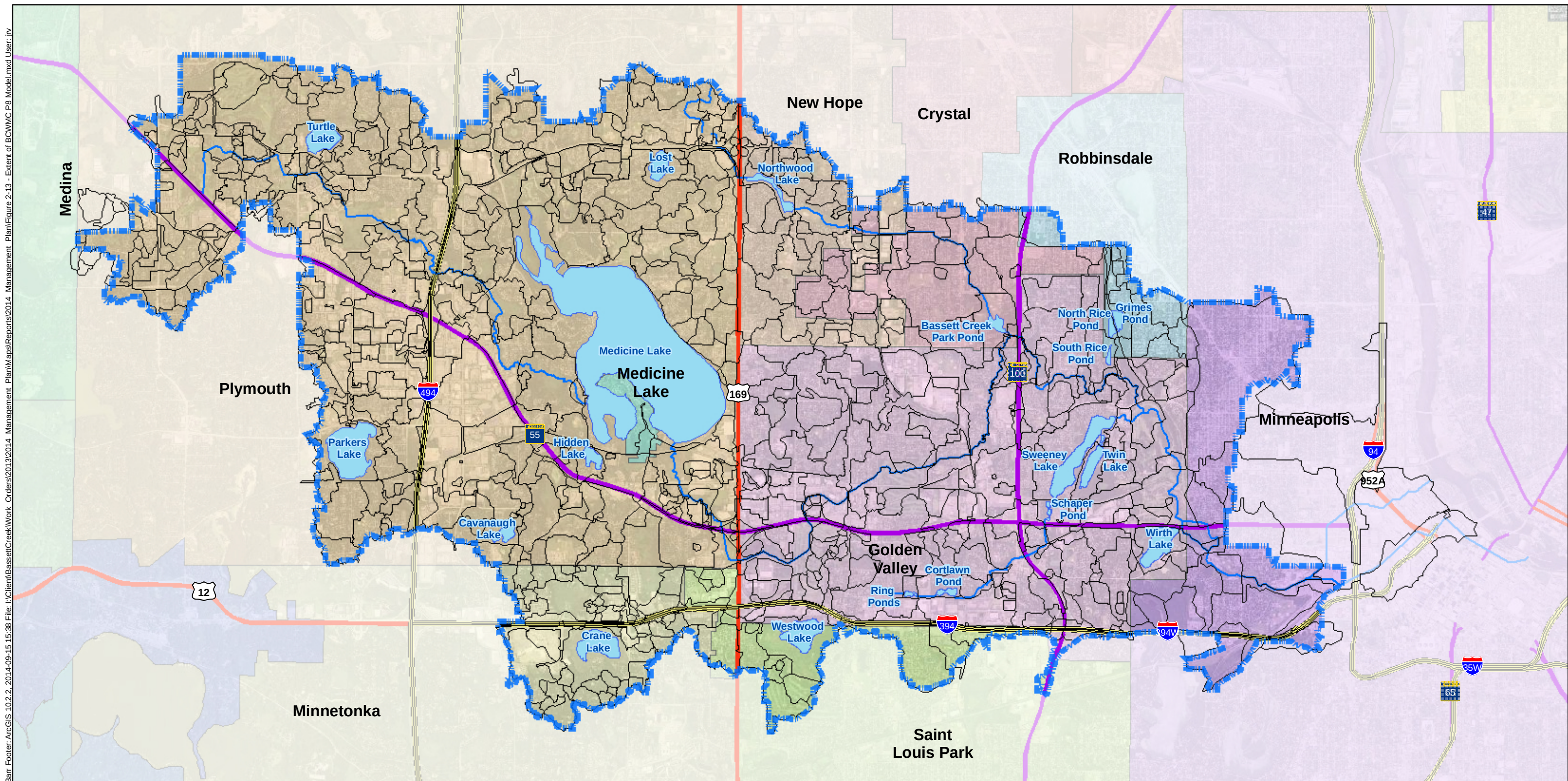
DRAFT

Figure 2-12

IMPAIRED WATERS
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**

Barr Footer: ArcGIS 10.2.2, 2014-09-15 15:38 File: I:\Client\BassettCreek\Work_Orders\2013\2014 Management Plan\Map\BassettCreek\Work_Orders\2013\2014 Management Plan\Figure 2-13 - Extent of BCWMC P8 Model.mxd User: IV



-  Bassett Creek Watershed Management Commission
-  Watersheds Used in P8 Model
-  Creeks
-  Lakes and Ponds

DRAFT

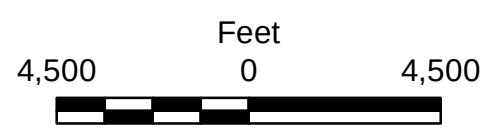
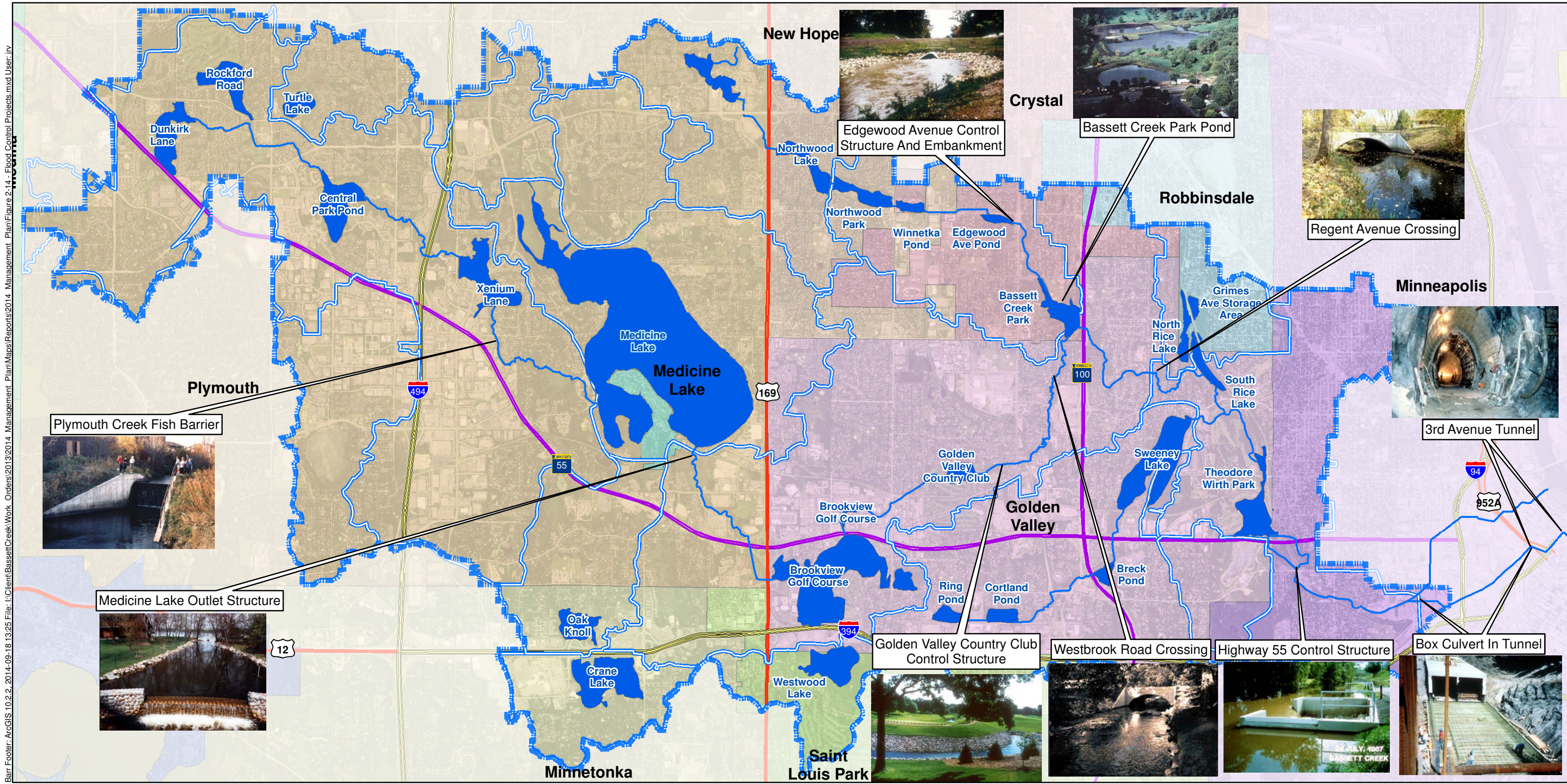


Figure 2-13

WATERSHEDS USED IN
BCWMC P8 MODEL
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**

Bar Footer: ArcGIS 10.2.2, 2014-09-18 13:25 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\BassettCreek\Projects.mxd User: iv



- Bassett Creek Watershed Management Commission
- Major Subwatersheds
- Designated Water Quantity and Water Quality Storage Facilities (From Fig. 15 of 2004 Plan)

DRAFT

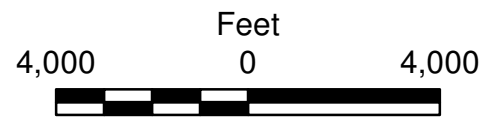
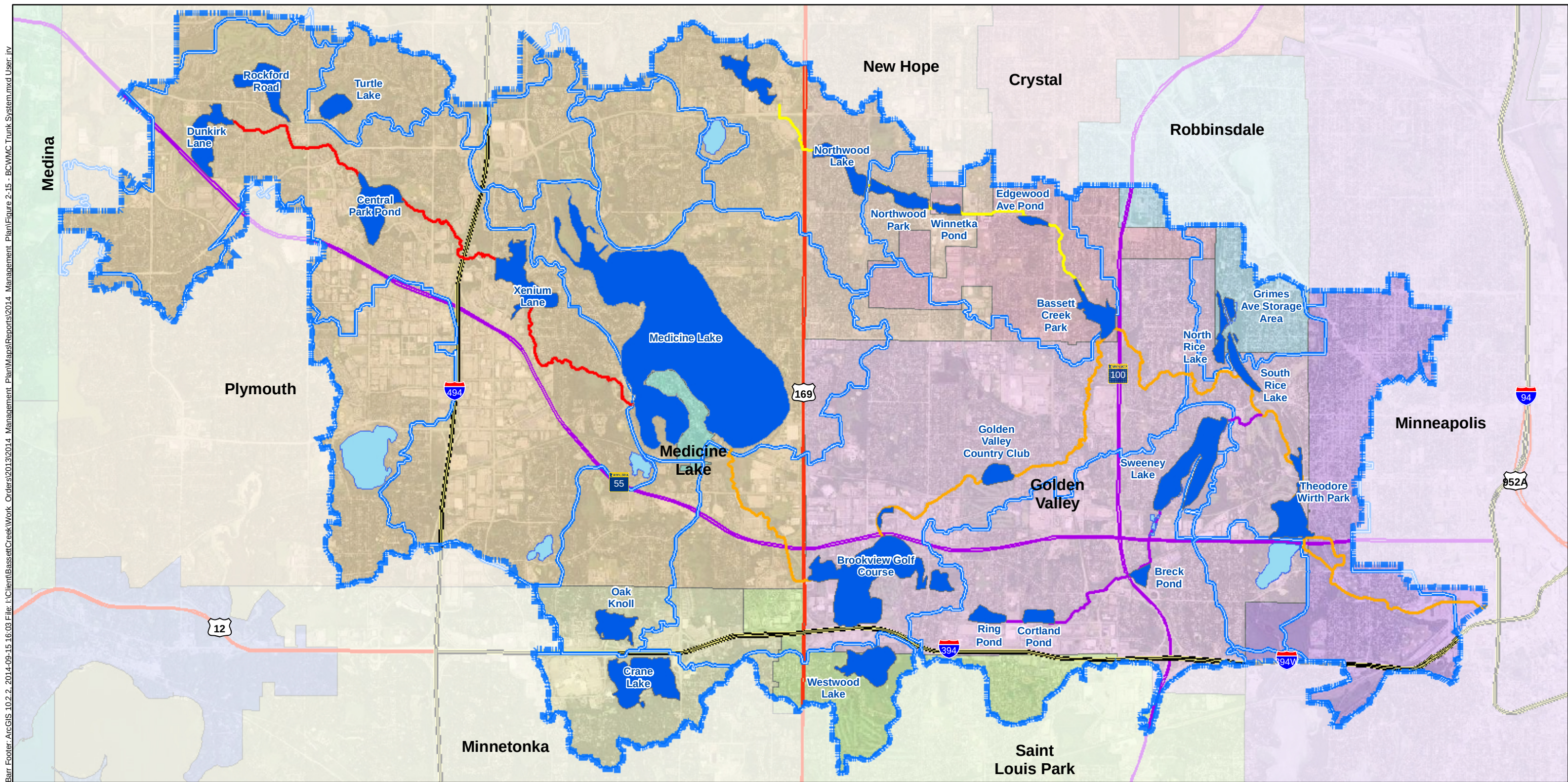


Figure 2-14

FLOOD CONTROL PROJECT
FEATURES
Bassett Creek Watershed
Management Commission
2014 Management Plan

Barr Footer: ArcGIS 10.2.2, 2014-09-15 16:03 File: I:\Client\BassettCreek\Work_Orders\2013\2014 Management Plan\BassettCreek\BassettCreekTrunkSystem.mxd User: iv



- Bassett Creek Watershed Management Commission
- Major Subwatersheds
- Trunk System Components**
 - Main Stem Bassett Creek
 - North Branch Bassett
 - Plymouth Creek
 - Sweeney Branch Bassett Creek
- Designated Water Quantity and Water Quality Storage Facilities (From Fig. 15 of 2004 Plan)

DRAFT

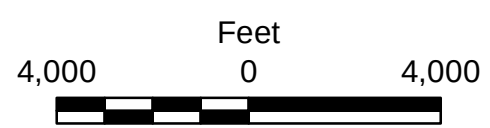
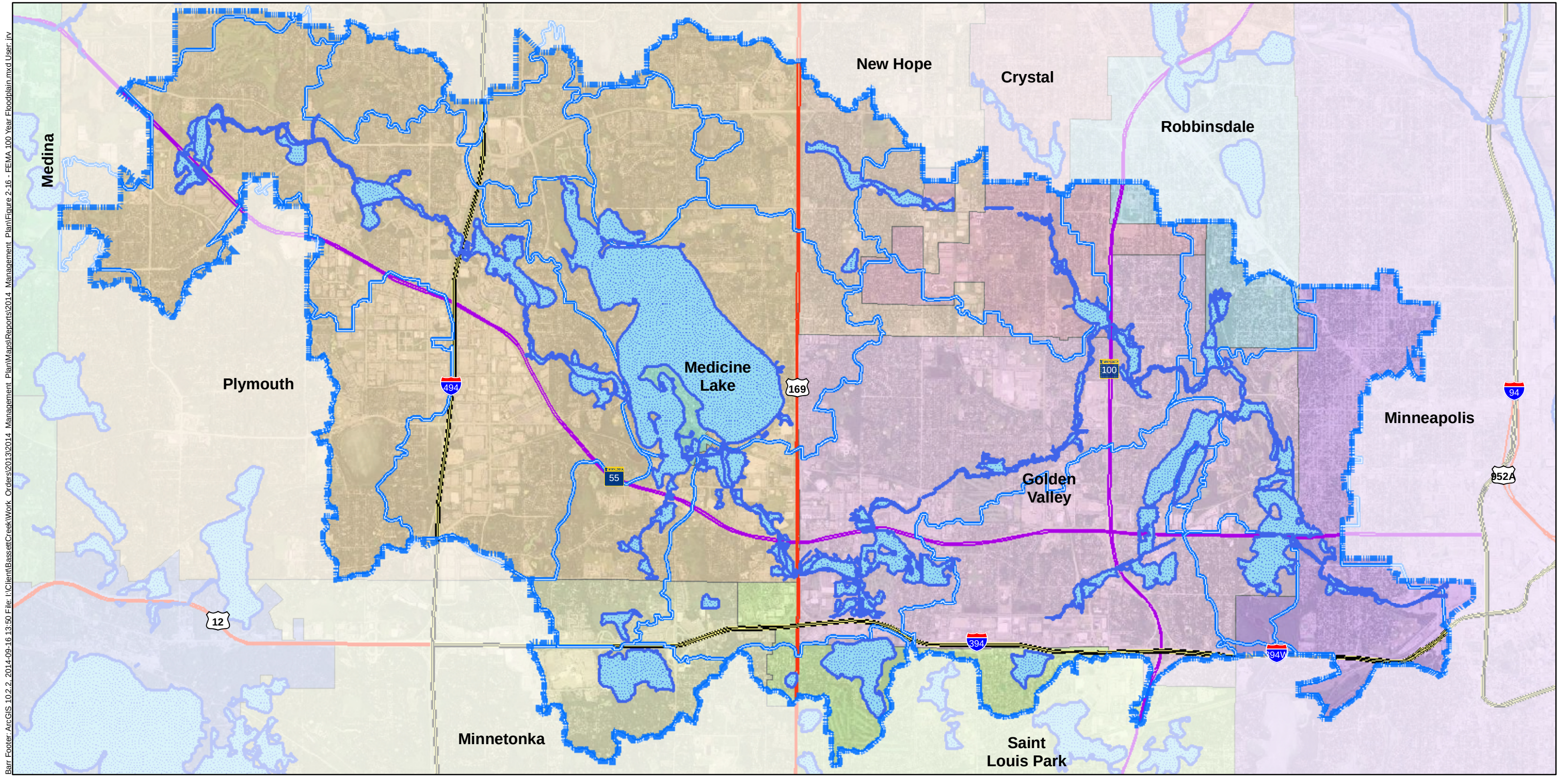


Figure 2-15

BCWMC TRUNK SYSTEM
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**

Barr Footer: ArcGIS 10.2.2, 2014-09-16 13:50 File: I:\Client\BassettCreek\Work_Orders\2013\2014 Management Plan\BassettCreek\BarrFigure 2-16 - FEMA 100 Year Floodplain.mxd User: jrv



-  Bassett Creek Watershed Management Commission
-  Major Subwatersheds
-  FEMA 100 Year Floodplain

DRAFT

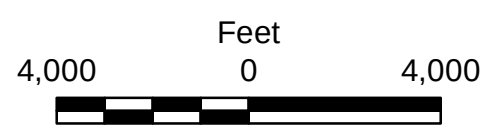
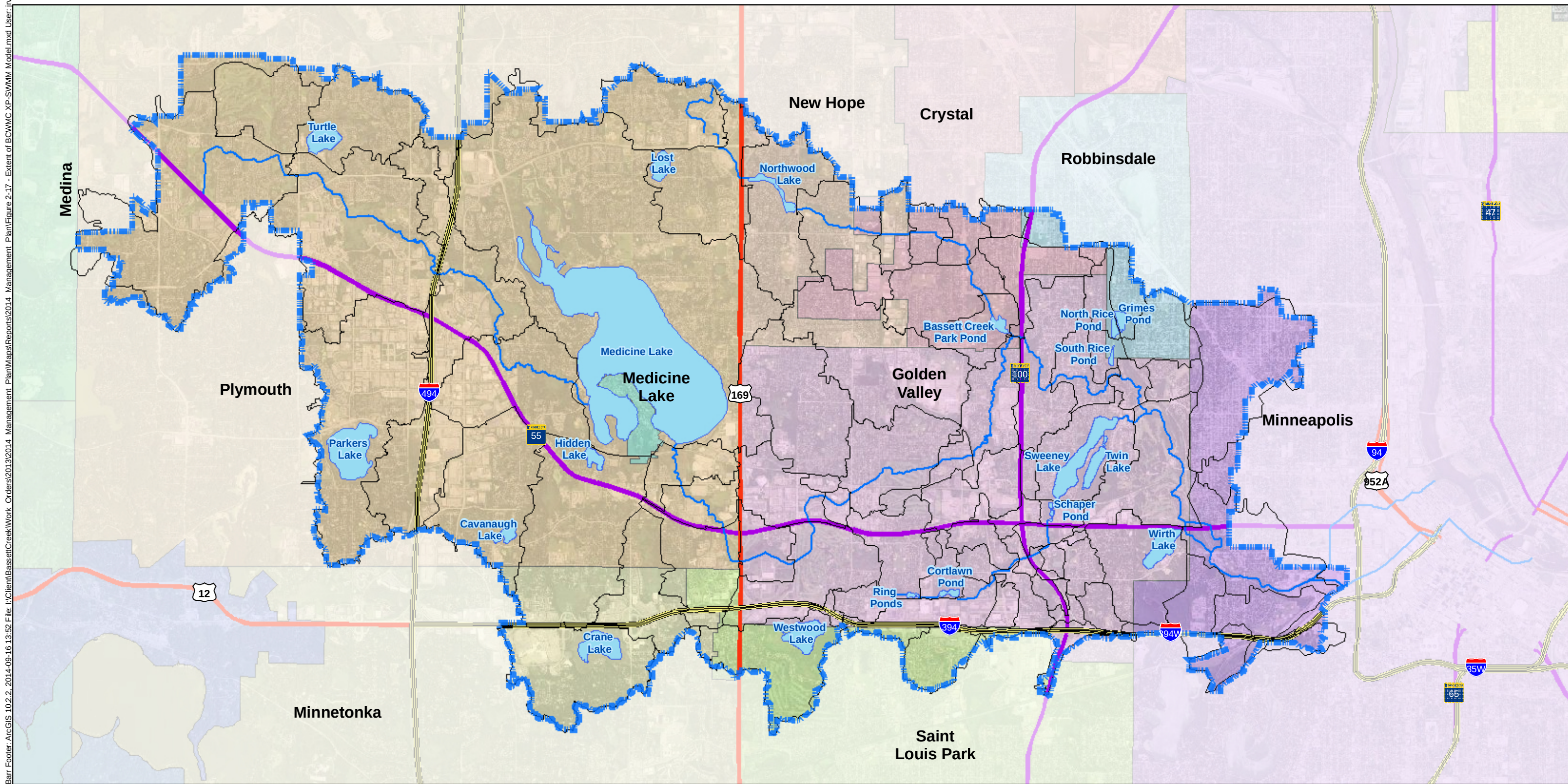


Figure 2-16

FEMA 100-YEAR FLOODPLAIN
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**

Barr Footer: ArcGIS 10.2.2, 2014-09-16 13:52 File: I:\Client\BassettCreek\Work_Orders\2013\2014 Management Plan\Map\BassettCreek\Map.mxd User: iv



-  Bassett Creek Watershed Management Commission
-  Watersheds Used in XP-SWMM Model
-  Creeks
-  Lakes and Ponds

DRAFT

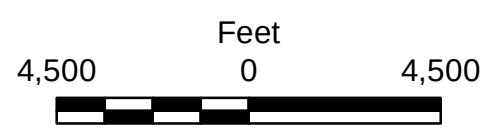
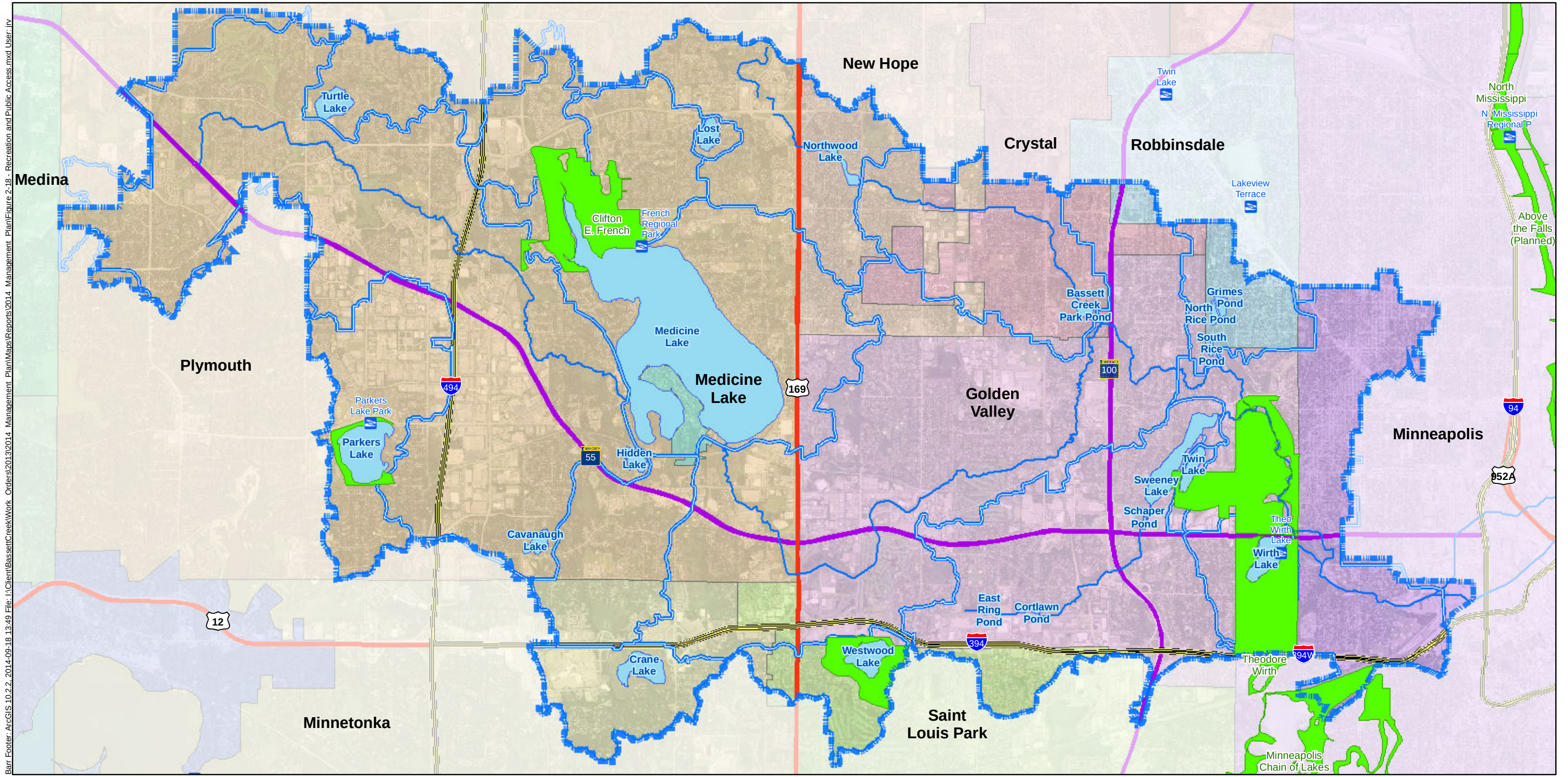


Figure 2-17

WATERSHEDS USED IN
BCWMC XP-SWMM MODEL
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**



Bassett Creek Watershed Management Commission
 Major Subwatersheds
 Boat Access
 Creeks
 Regional Park

NOTE:
Pending additional
municipal park data

DRAFT

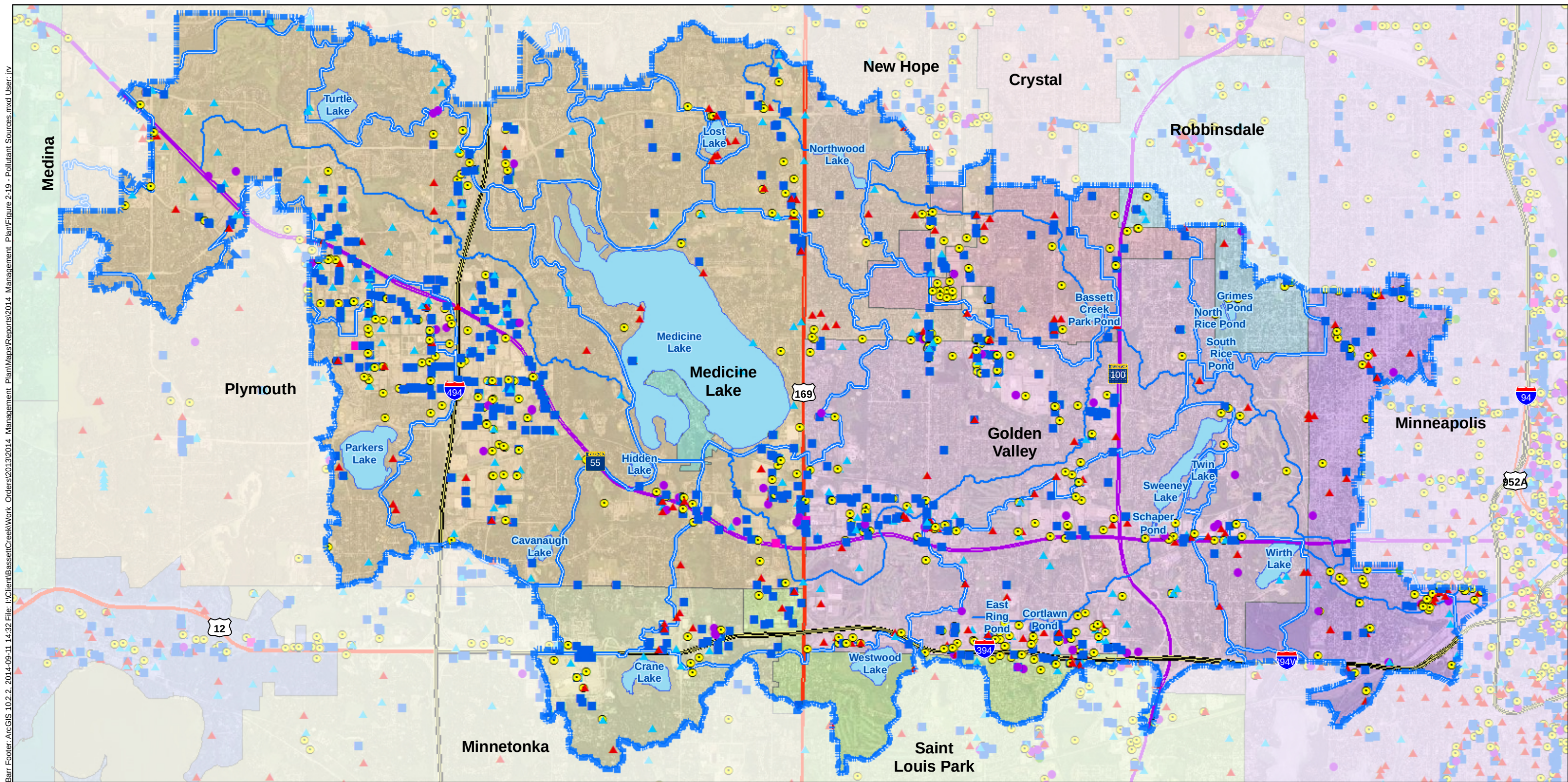
Feet
 4,000 0 4,000

Figure 2-18
 RECREATION AREAS AND
 PUBLIC BOAT ACCESS
 Bassett Creek Watershed
 Management Commission
 2014 Management Plan

**Bassett Creek Watershed
 Management Commission**

Barr Footer: ArcGIS 10.2.2, 2014-09-18 13:49 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\Maps\Reports\2014 Management Plan\Figure 2-18 - Recreation and Public Access.mxd User: iv

Barr Footer: ArcGIS 10.2.2, 2014-09-11 14:32 File: I:\Client\BassettCreek\Work Orders\2013\2014 Management Plan\Map\BassettCreek\MapFigure 2-19 - Pollutant Sources.mxd User: iv



-  Bassett Creek Watershed Management Commission
-  Major Subwatersheds
-  Creeks
-  Lakes and Ponds
- What's in my Neighborhood (MPCA)**
-  Air Permit
 -  Hazardous Waste
 -  Investigation and
 -  Solid Waste
 -  Tanks and Leaks
 -  Water Quality
 -  Multiple Activities

DRAFT

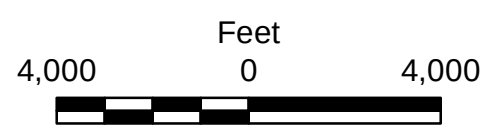


Figure 2-19

POLLUTANT SOURCES
Bassett Creek Watershed
Management Commission
2014 Management Plan

**Bassett Creek Watershed
Management Commission**