

Appendix G

– Master Plan Excerpts

1. Transportation

- Vision Holly Springs Plan - Pedestrian Recommendations
- Vision Holly Springs Plan - Bicycle Recommendations

2. Open Space

- Parks and Recreation Master Plan - Greenways
- Parks and Recreation Master Plan - Parks
- Mims Master Plan
- Stream Protection Plan Map

3. Other Infrastructure

- Wastewater Collection System
- Water Distribution System
- Downtown Stormwater Master Plan

1. *Transportation*

-Vision Holly Springs Plan - Pedestrian Recommendations

-Vision Holly Springs Plan - Bicycle Recommendations

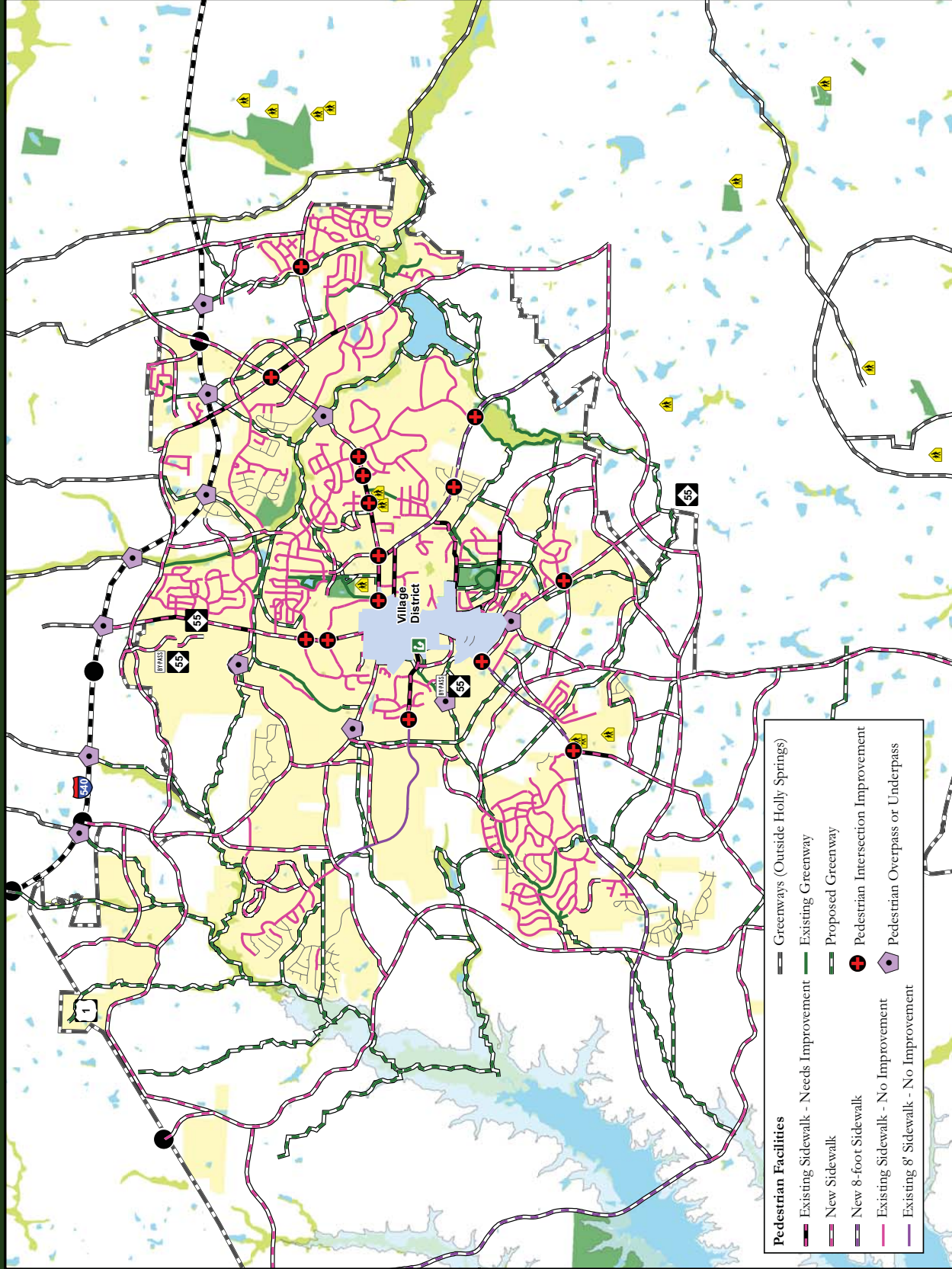
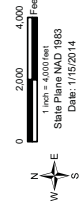


FIGURE 4.3
Bicycle Recommendations

- Future I-540
- Proposed Interchange
- 240' Shearon Harris Reservoir Elevation
- Wetland
- Park
- Community Resources
- School
- Library
- Administrative Boundaries
- Holly Springs Town Limit
- Holly Springs ETJ

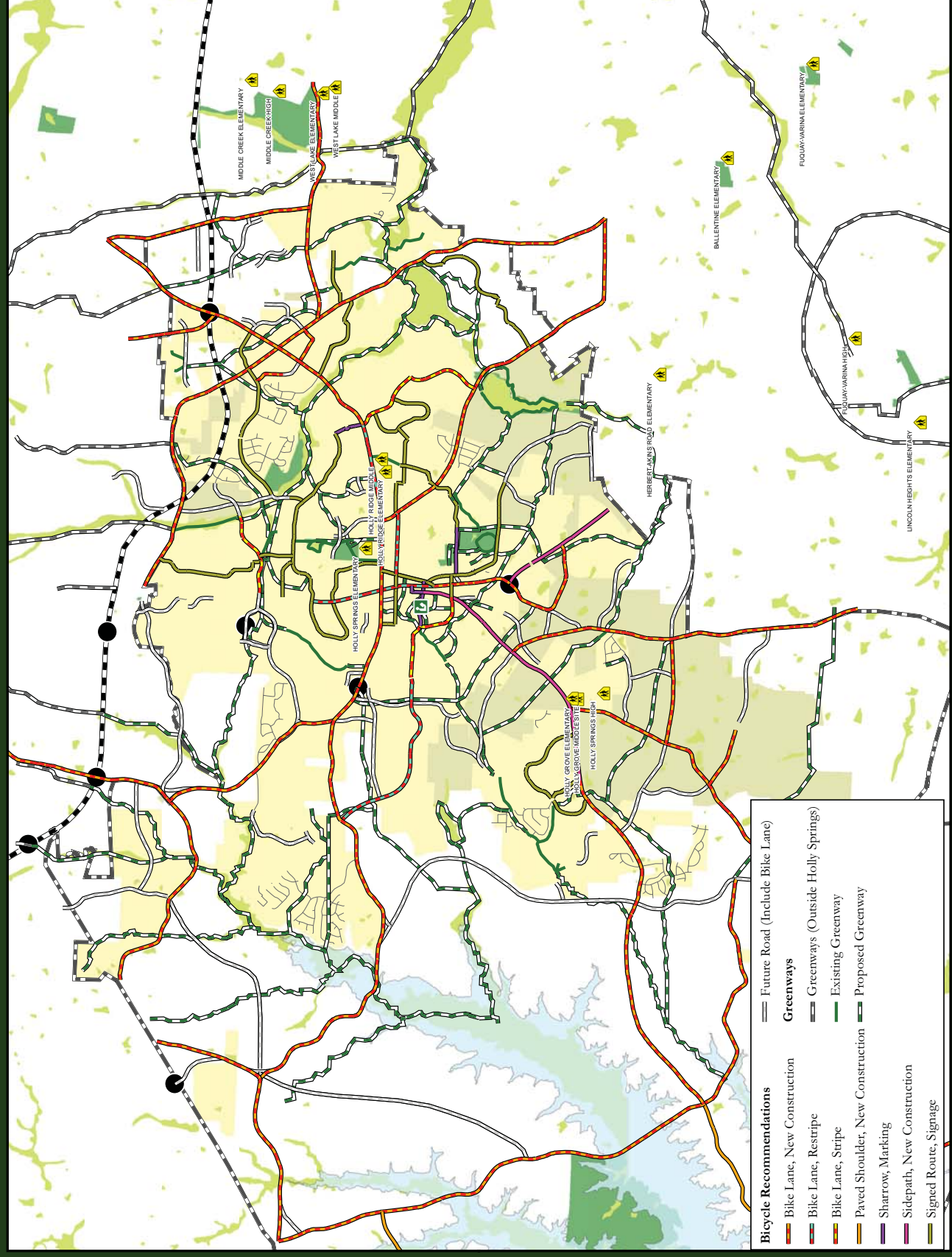
NOTES:

1. In VDAP area refer to Vision Holly Springs for on street parking and sidewalk requirement.
2. See the Holly Springs Bicycle Transportation Plan for more details on existing and proposed bicycle facilities.



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2. Open Space

-Parks and Recreation Master Plan - Greenways

-Parks and Recreation Master Plan – Parks

-Mims Master Plan

-Stream Protection Plan Map

Figure 4-1 – Greenway System Concept

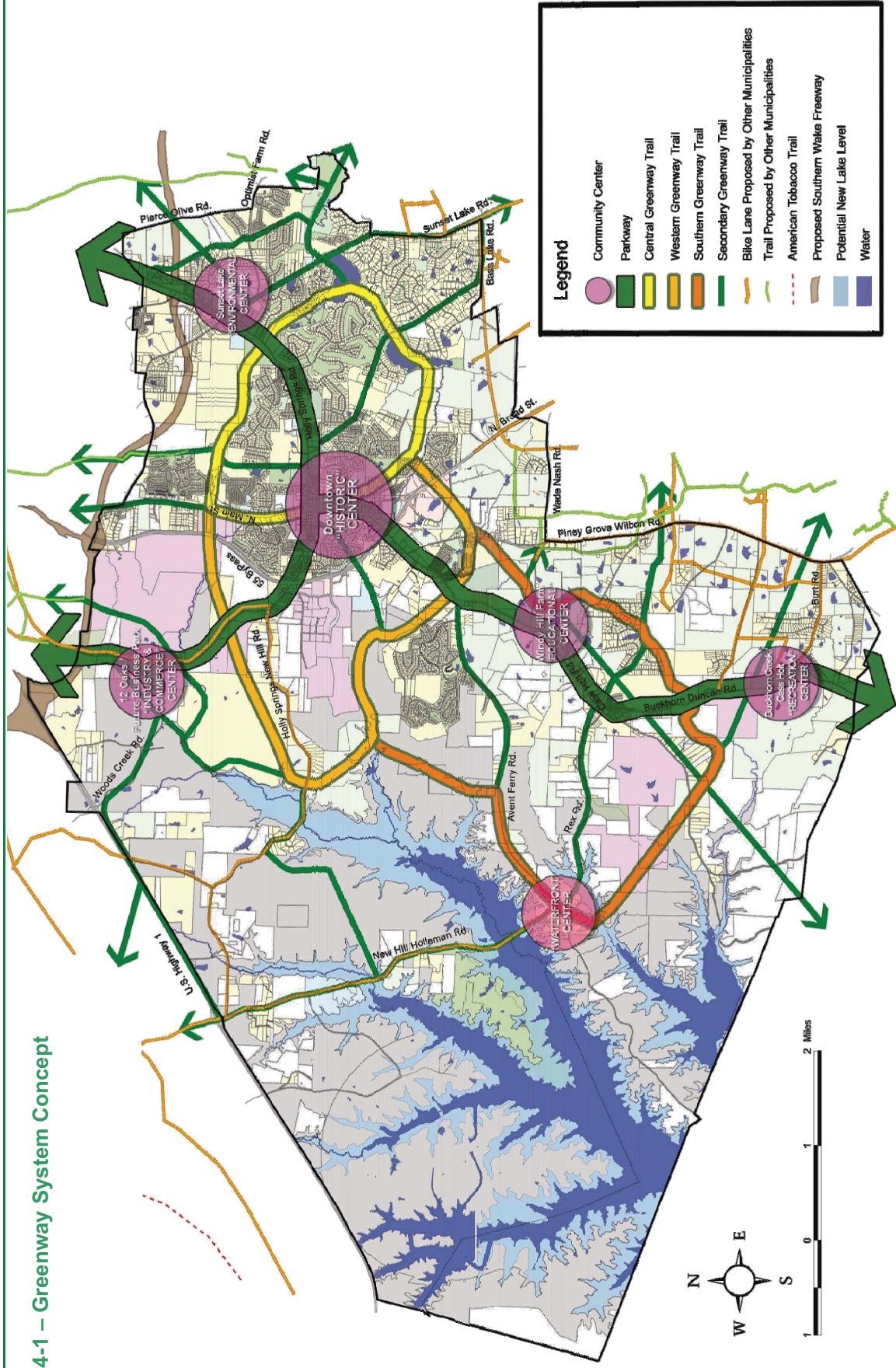
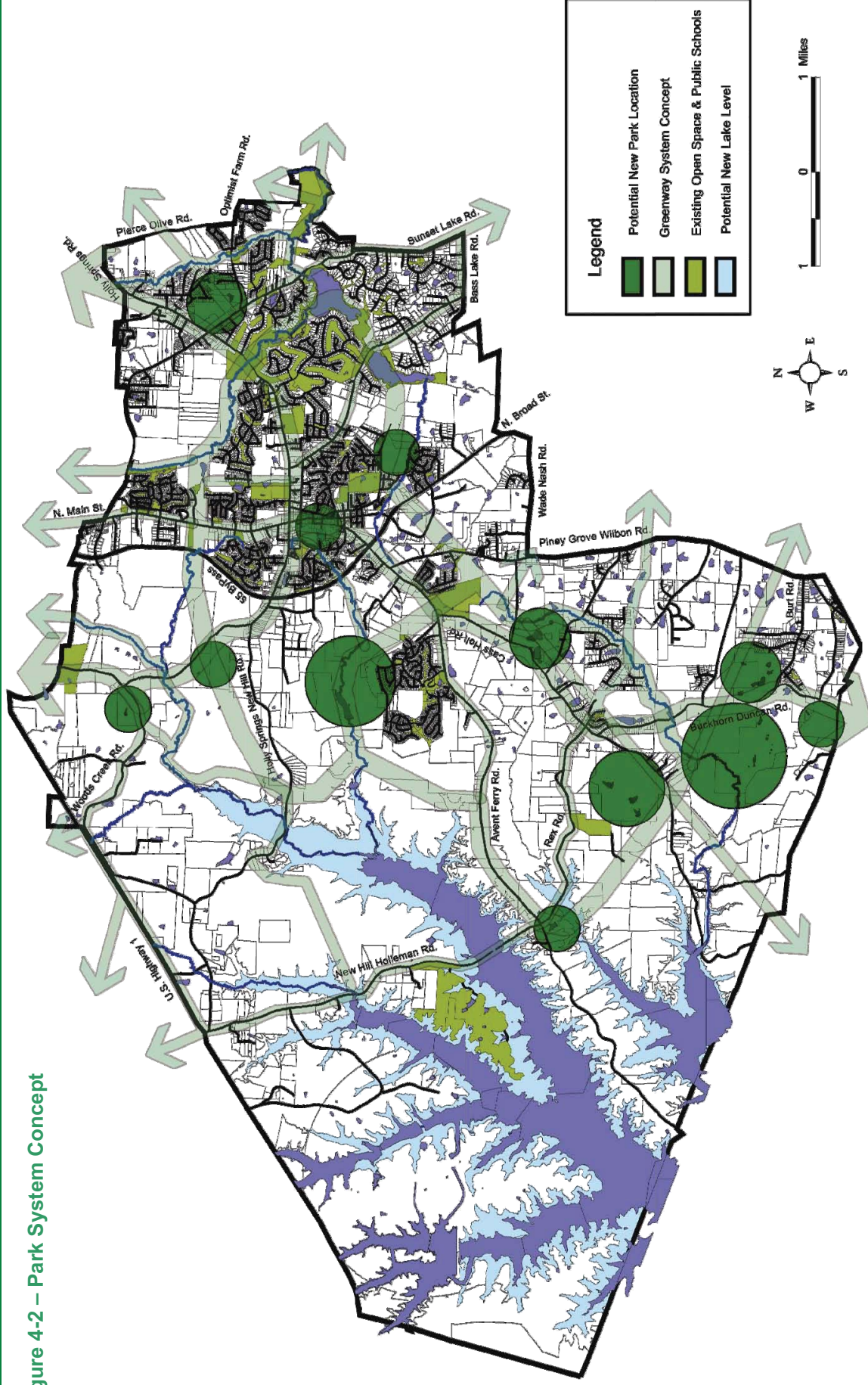


Figure 4-2 – Park System Concept



MASTER PLAN DESIGN



wetlands. The arrival point is the intersection of hard-surface trail, soft-surface trail, and the entrance to the adventure playground.

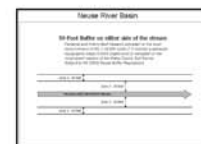
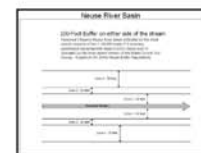
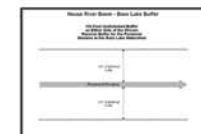
The adventure play area will be tailored to a wide-range of ages. By integrating play into the natural environment, negative impacts to the site will be minimized. In between trees, rope systems will provide a variety of imagination and physical challenges for preschoolers through middle-school aged youth. Seating and shade for observing parents and guardians will abound in this grove of activity.

Figure 4-1: Final Conceptual Site Plan.

- Legend**
- Streams
 - Cape Fear 30-foot Stream Buffer
 - Neuse 100-foot Stream Buffers
 - Neuse 50-Foot Stream Buffers
 - Bass Lake 100-Foot Undisturbed Stream Buffer
 - Lakes and Ponds
 - Town Boundary
 - Town ETJ
 - Short Range Urban Service Area
 - Study Area

This map is for reference only. All features must be field verified by local officials and verified compliance with the most recent version of the USACE Code of Best Management Practices (CBMP) and the USACE National Manual of Stream Bank Erosion Control (NMEC) before any construction or other activity is permitted. The user understands that it is their responsibility to verify the accuracy of the information before using it.

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3. Other Infrastructure

- Wastewater Collection System
- Water Distribution System
- Downtown Stormwater Master Plan



Sewer GPS Data

- gmh1
- GMH2

sPhantomNode

- ForceMainValve
- ForceManhole
- GravityManhole
- PumpStation
- ▲ Other
- sPumpStation
- sGreaseTrap
- sForceManhole
- 8inGravityMain
- 12inGravityMain
- 16inGravityMain
- 18inGravityMain
- 20inGravityMain
- 21inGravityMain
- 24inGravityMain
- UnknownGravityMain

sForceMain

- 2inForceMain
- 4inForceMain
- 8inForceMain
- 10inForceMain
- 12inForceMain
- 16inForceMain
- 6inForceMain
- Abandon FM

Data Source:
GPS Data is from a consultant hired to GPS Town Infrastructure.
Phantom data are structures found in the field, however, no attribute information could be determined.

Base Map Data

Property lines are downloaded from Wake County monthly and used to create Town Area and ETI Base Map Data.

HS GPS Data

- Ex Pump Stations
- Manholes
- Sewer Lines

Data Source:
Holly Springs GPS is data captured using a hand held GPS unit by Town Staff.

Sewer Data From MapInfo

- Future_Reuse
- Force Main Lines
- Gravity Lines
- Manholes (from MapInfo)

Data Source:
MapInfo data was produced visually from hard copy maps.

As-Built Data

- As Built FM
- SewerLines
- Manholes

Data Source:
As-Built data primarily comes in from a CAD source. Occasionally only a pdf is received.



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Base Map Data

Property lines are downloaded from Wake county monthly and used to create Town Area and ETJ Base Map Data.

Consultant GPS Data

- wSystem/Valve In Line
- wSystem/Valve Blow Off
- wHydrant
- wManhole
- wMeter
- wDifficult/Access
- wCap
- wPhantomNode
 - Hydrant
 - Manhole - Air Release
 - Meter
 - Other
 - Tank
 - Vault
 - wPhantom Blowoff Valve
 - wPhantom/Valve
 - wReducer
 - wBacksiphon
 - wCross
 - wMain
 - wMain 2in
 - wMain 4in
 - wMain 6in
 - wMain 8in
 - wMain 10in
 - wMain 12in
 - wMain 16in
 - wMain Unknown

Data Source:
GPS data is from a consultant hired to GPS Town infrastructure.
Phantom data are structures found in the field, however, no attribute information could be determined.

Waste Water Treatment Plant Data

- Hydrant, Water
- Reducer, Water
- Valve, Water
- TEE, Water
- 2" PVC
- 4" PVC
- 6" DIP
- 12"

WWTP Data is from As-Built Drawings.

MapInfo Data

- Existing Water Tank
- Water Valve
- Blowoff Valve
- Fire Hydrant
- waterlines 2"
- waterlines 4"
- waterlines 6"
- waterlines 8"
- waterlines 12"
- waterlines 16"
- waterlines 30"

Data Source:
MapInfo data was produced visually from hard copy maps.

As-Built Data

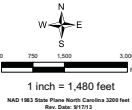
- Water Vault
- Blow Off Valve
- Fire Hydrant
- Hydrant Valve
- TEE
- Air Release Manhole
- Water Valve
- Water Meter
- Unknown Size
- AB Waterline 4in
- AB Waterline 6in
- AB Waterline 8in
- AB Waterline 10in
- AB Waterline 12in
- AB Waterline 16in

Data Source:
As-Built data primarily comes in from a CAD source. Occasionally only a pdf is received.

Holly Springs GPS Data

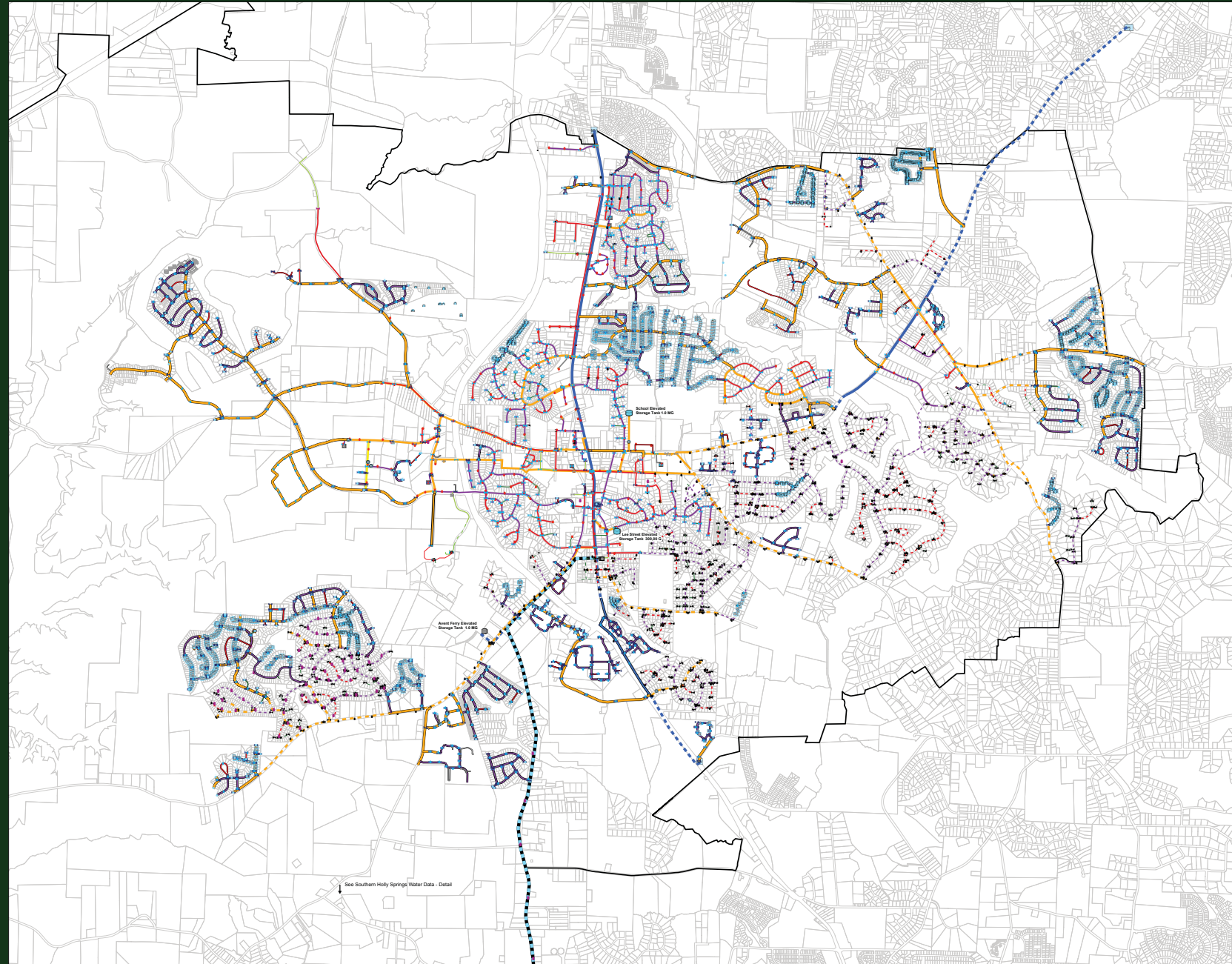
- HS GPS Valve
- HS GPS FH
- HS GPS Water Lines

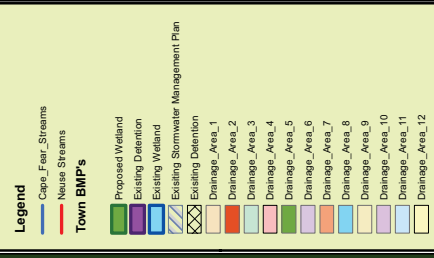
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Note: Colored Drainage
Areas Reflect Drainage
Basins.



0 195 390 780 Feet
1 inch = 750 feet
State Plane NAD 1983
Date: 01-12-09

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