APPENDIX A – REACH DESCRIPTONS

- Salt Creek Features – Figures 2.1 to 2.8
- East Branch DuPage River Features

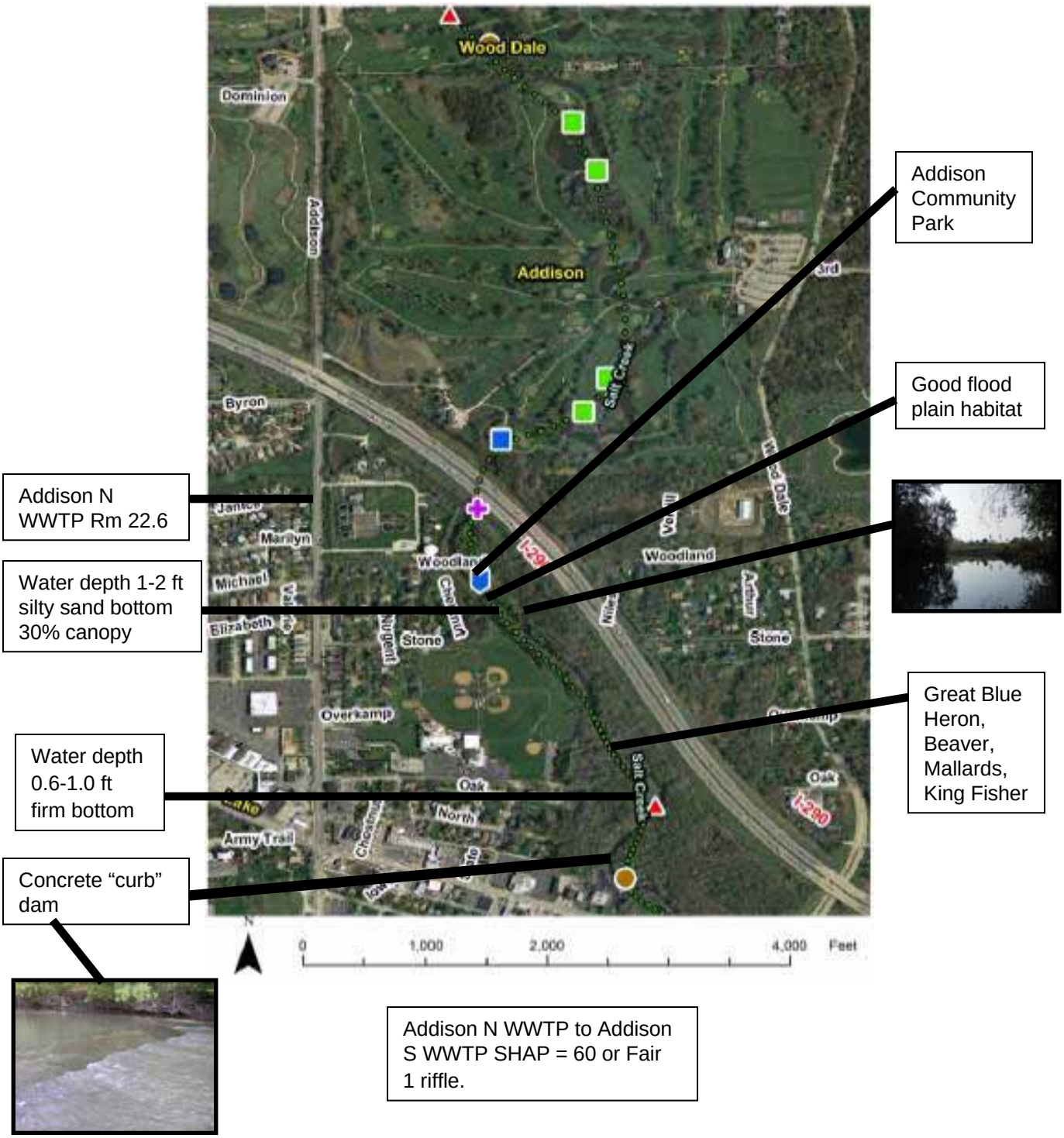


FIGURE 2.1

SALT CREEK

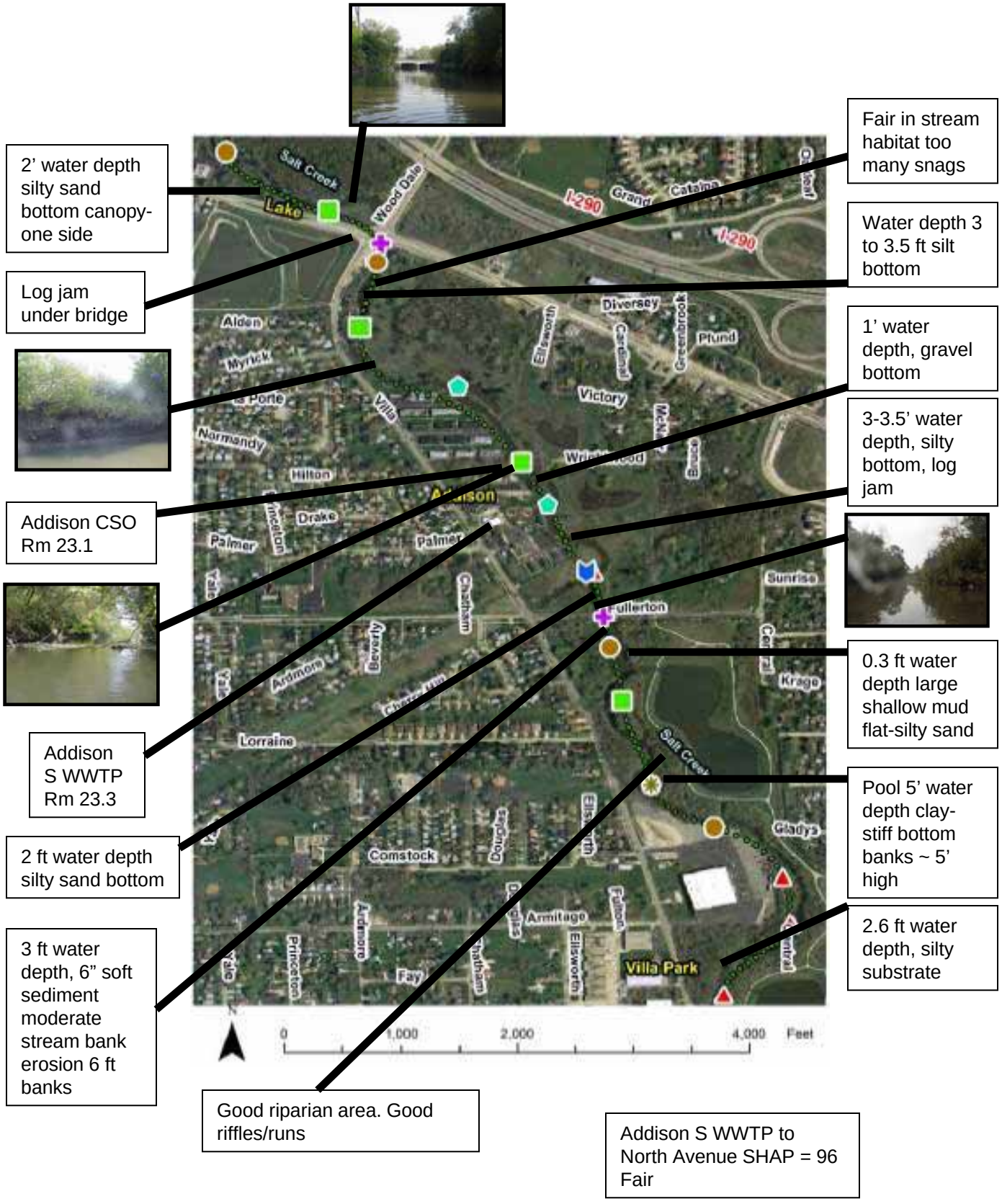


FIGURE 2.2

SALT CREEK

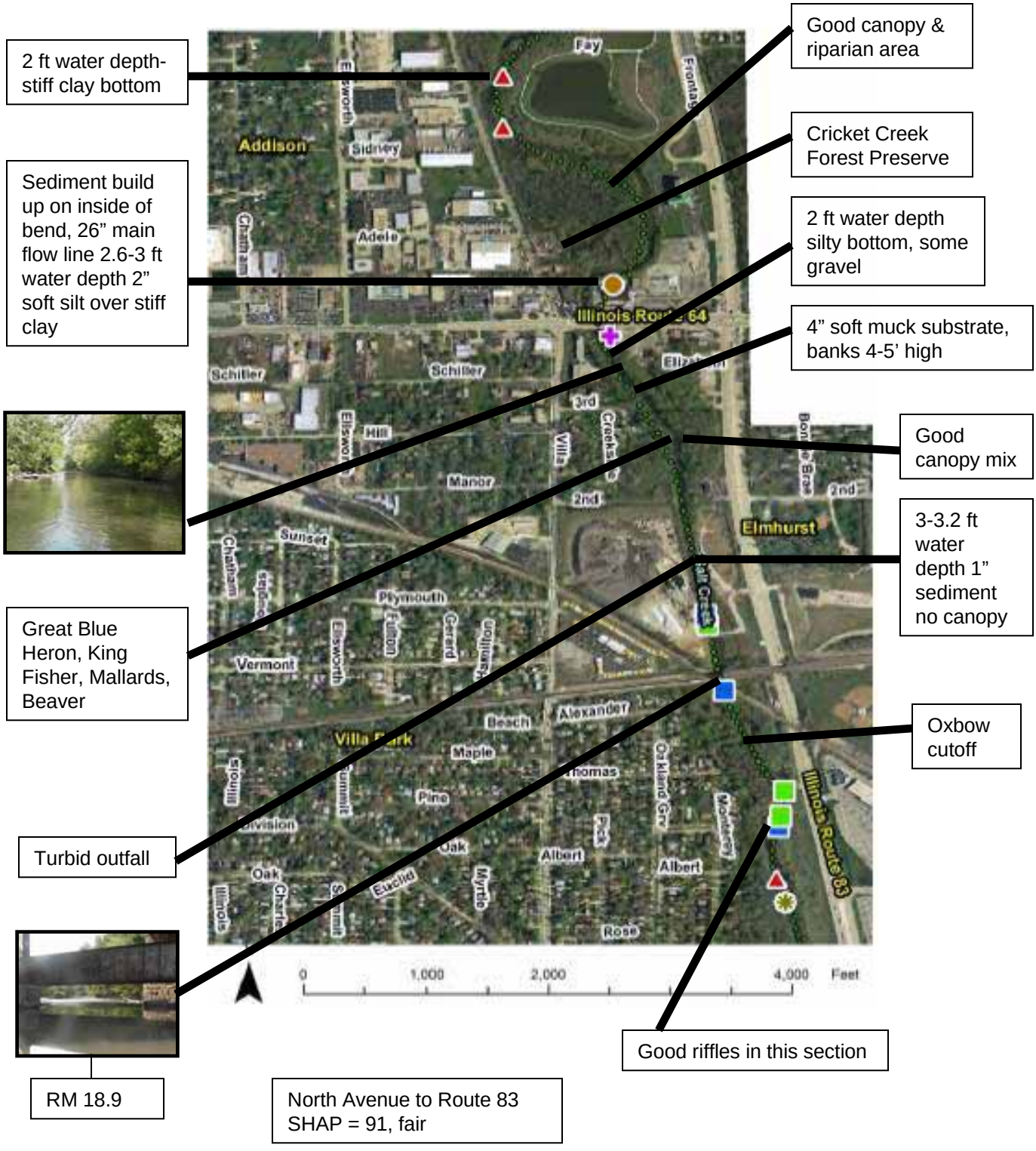


FIGURE 2.3

SALT CREEK

1 ft water depth, gravel

1-2 ft water depth, gravel substrate small riffle

2 pumps & outfall RM 17.9

1-2' water depth, firm bottom, small riffle, bank ht 6' to 8'

Good stream habitat, & buffer areas in north part of this segment. Decent habitat diversity.

St. Charles Rd large pumps outfall RM 18.3

Salt Creek WWTP Rm 17.8

CSO ?

Elmhurst WWTP Rm 17.5

Good riffles in this Segment

Good canopy

Riffle, water depth <1 ft gravel substrate, stream narrows

Segment 83 to Butterfield Road.
SHAP = 78 or Fair

FIGURE 2.4

SALT CREEK

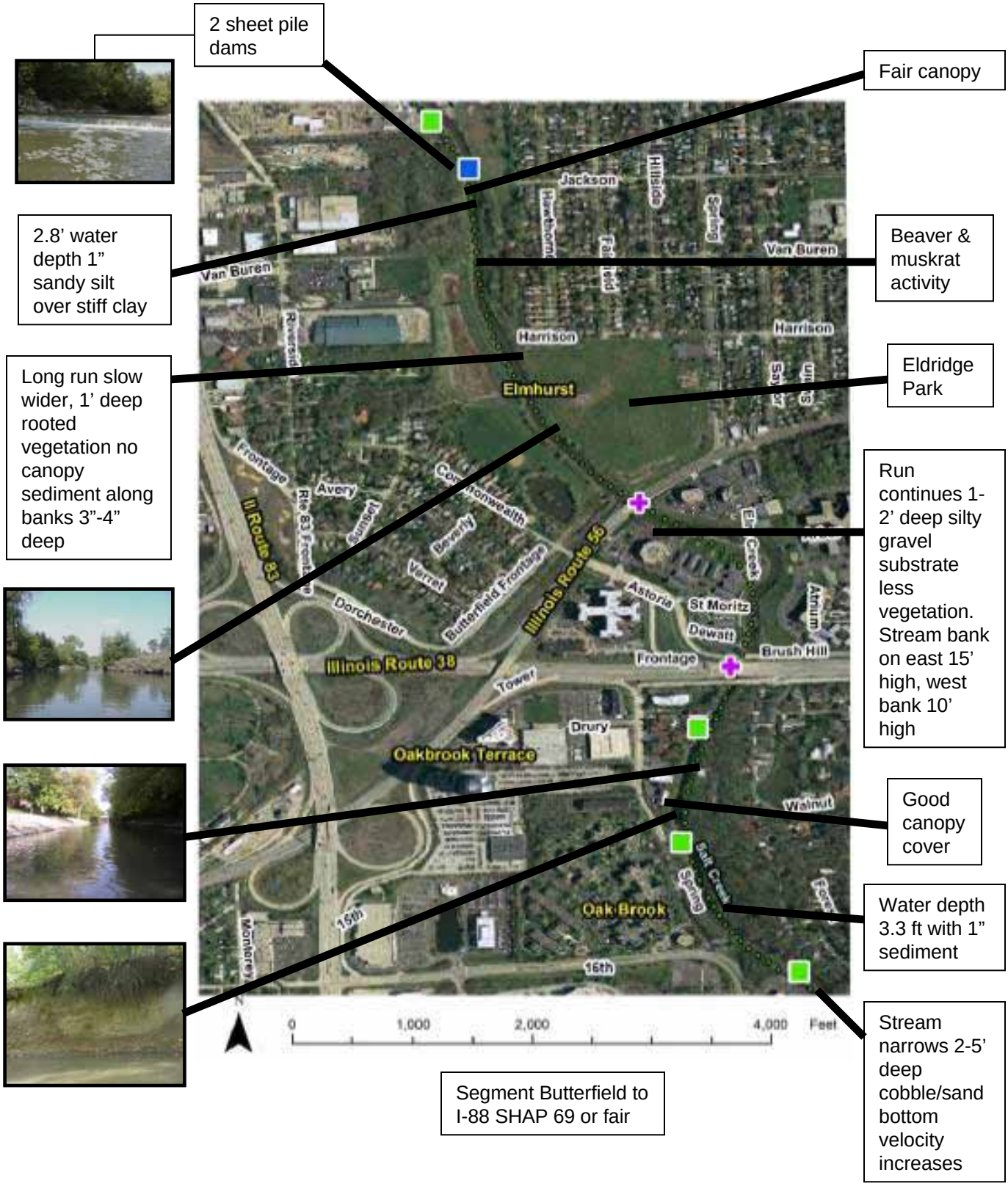


FIGURE 2.5

SALT CREEK

Very channelized, no wetlands

Poor habitat with erosion

6' water depth gravel bottom

1ft water depth

Pool 7.3' water depth, sand bottom

4 ft water depth

Deep pools & channelized

2.5' water depth, mud bottom

Riprap & shore treatment in this segment

3.2 ft water depth 15' bank west side

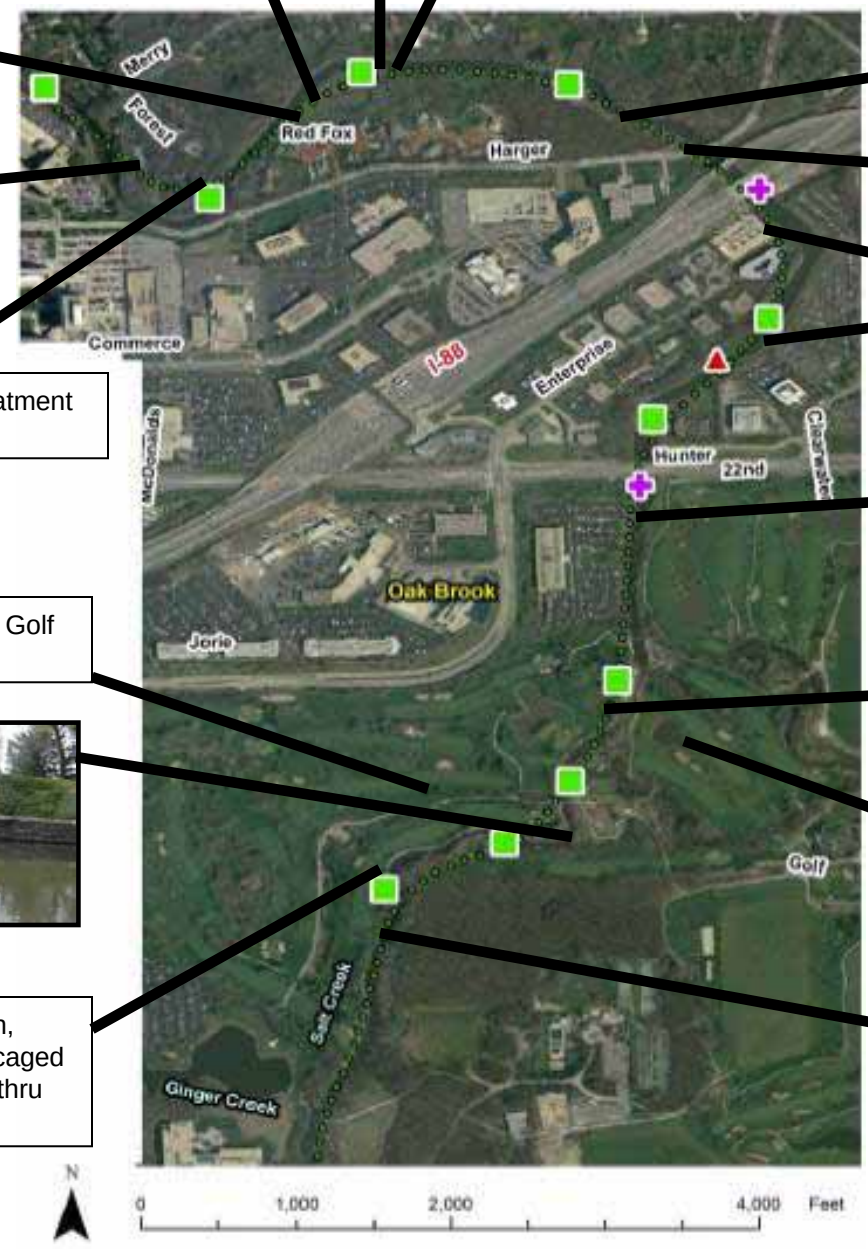
Butler National Golf Course

Rock curbs shoreline treatment

Oak Brook Golf Course

Good shoreline protection & buffer/flood plain

6 ft water depth, gravel bottom caged rock shoreline thru golf course



Segment I-88 to end
SHAP = 55 or Fair

FIGURE 2.6

SALT CREEK

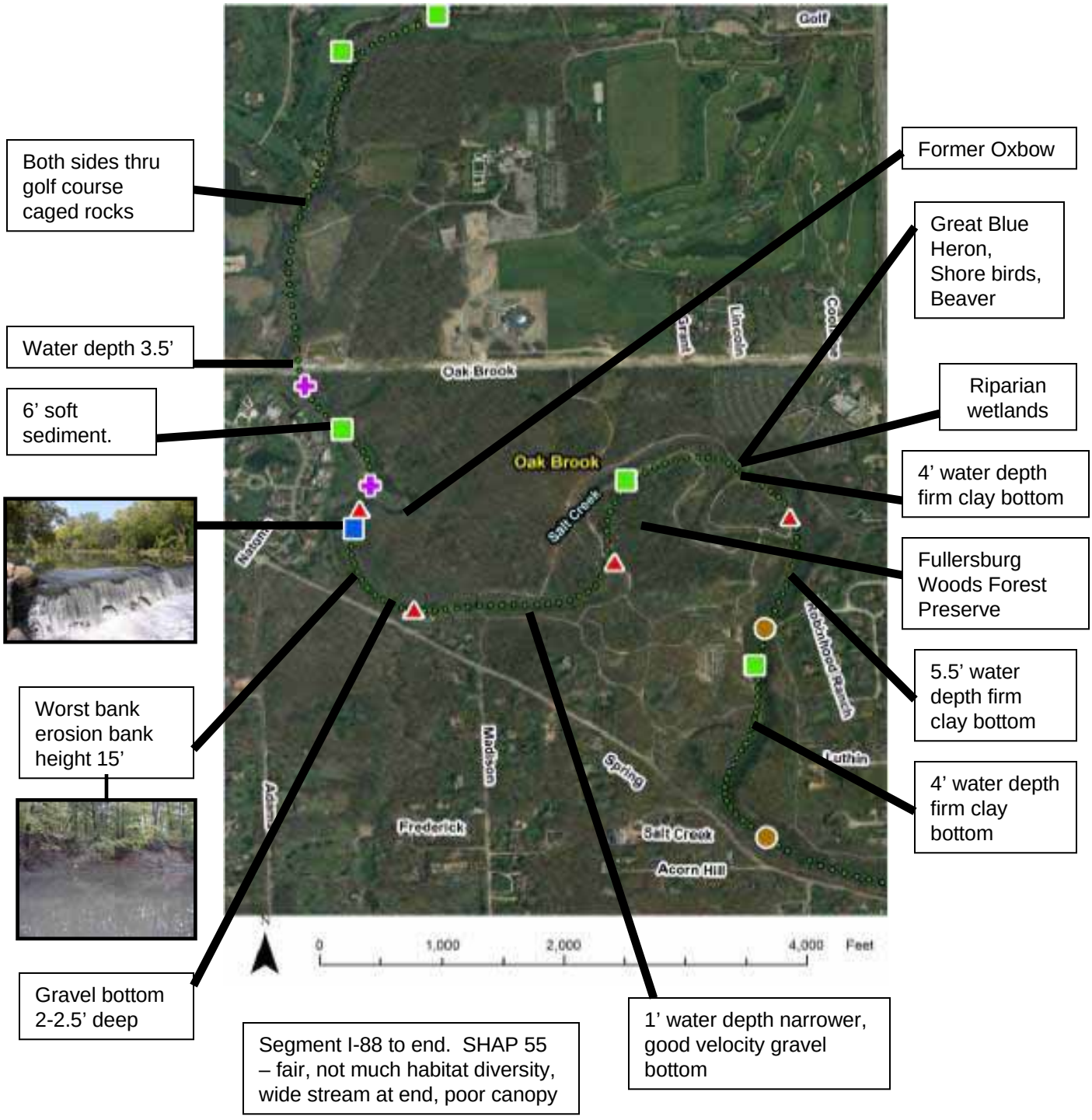


FIGURE 2.7

SALT CREEK

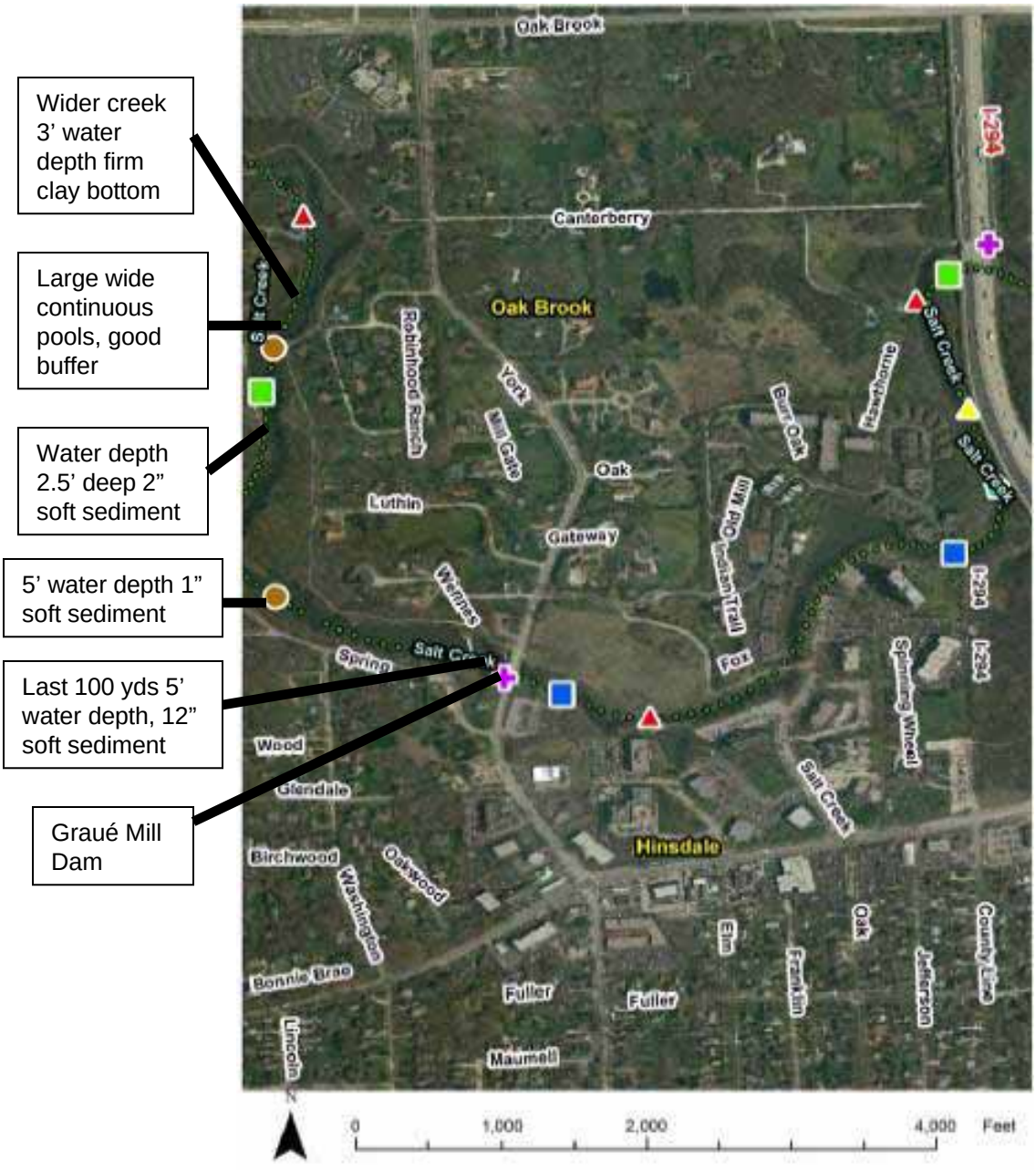


FIGURE 2.8

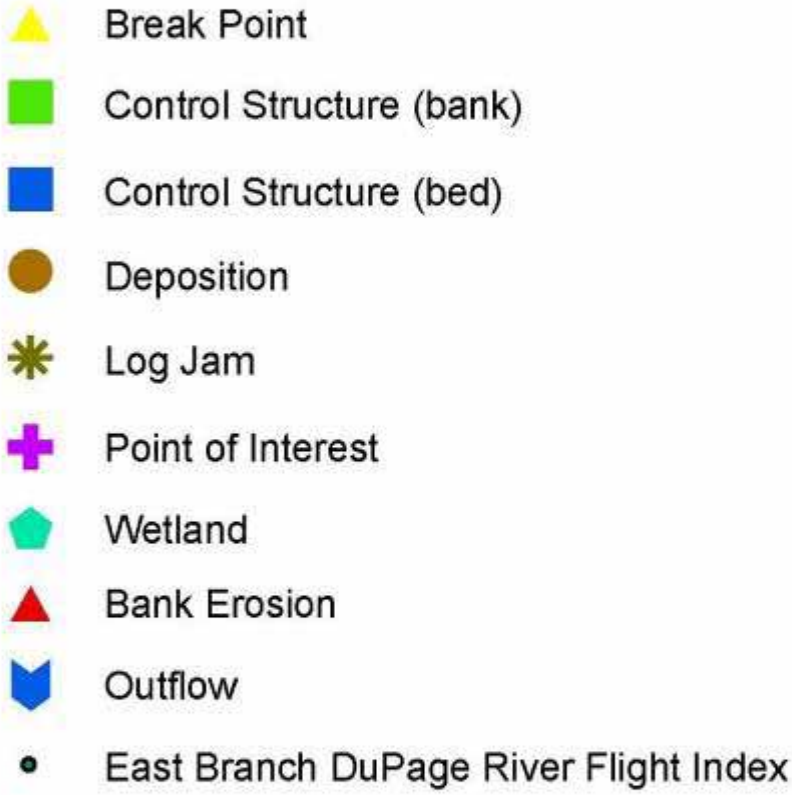
SALT CREEK

EAST BRANCH DU PAGE RIVER FEATURES

DETERMINED FROM SPRING 2004 AERIAL VIDEO FLIGHTS

Note: Images are arranged from upstream to downstream.

EXPLANATION



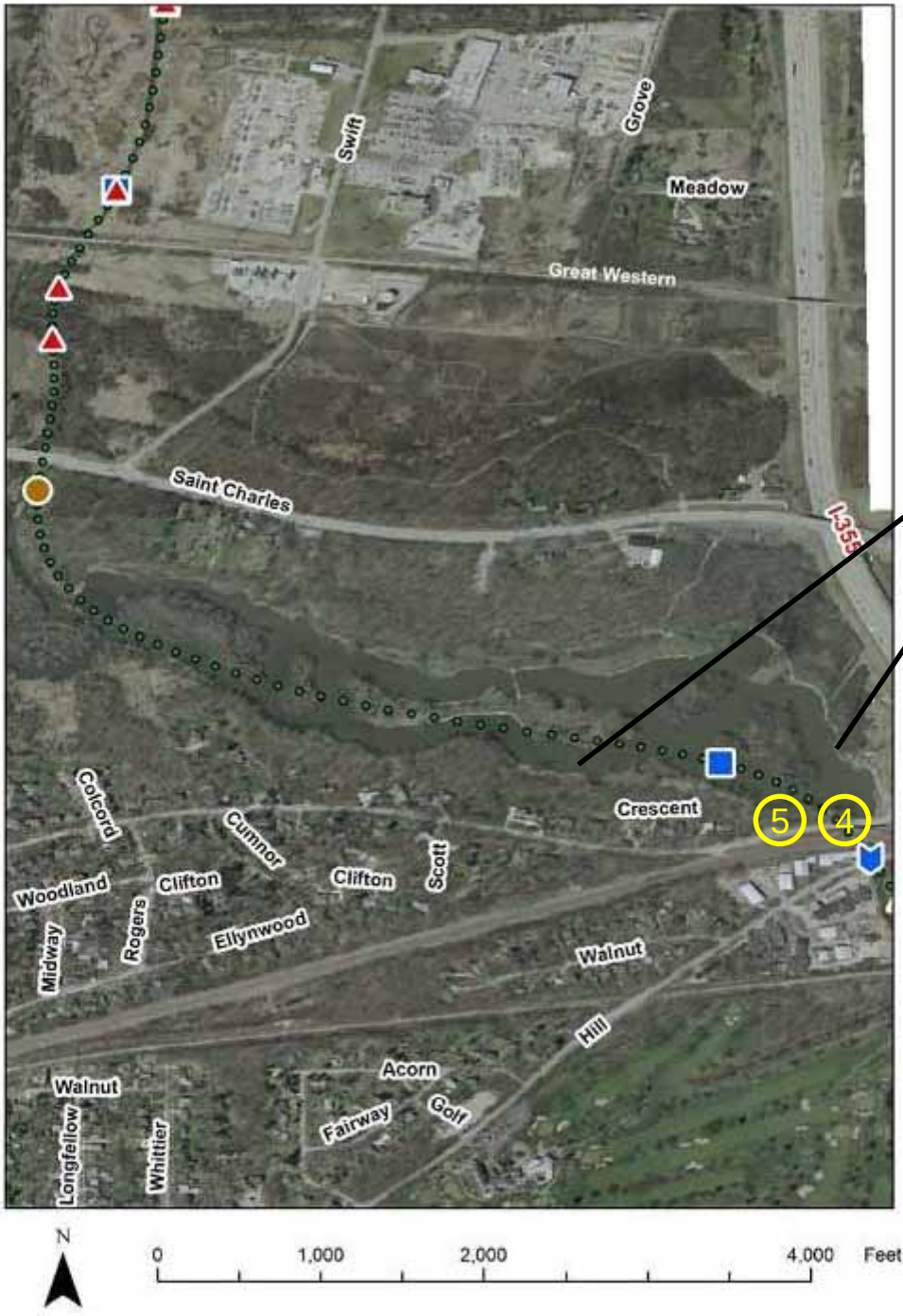
Churchill Woods Forest Preserve

Good riparian habitat

1. Silty sand 1.5’ – 2’ water

2. Mud/silt >2’ 1’-2’ water

3. Shoreline stabilization >2’ mud/silt 1’-2’ water



Silt/Mud >2’

Bank stabilization

4. Spillway - 2’ hydraulic head

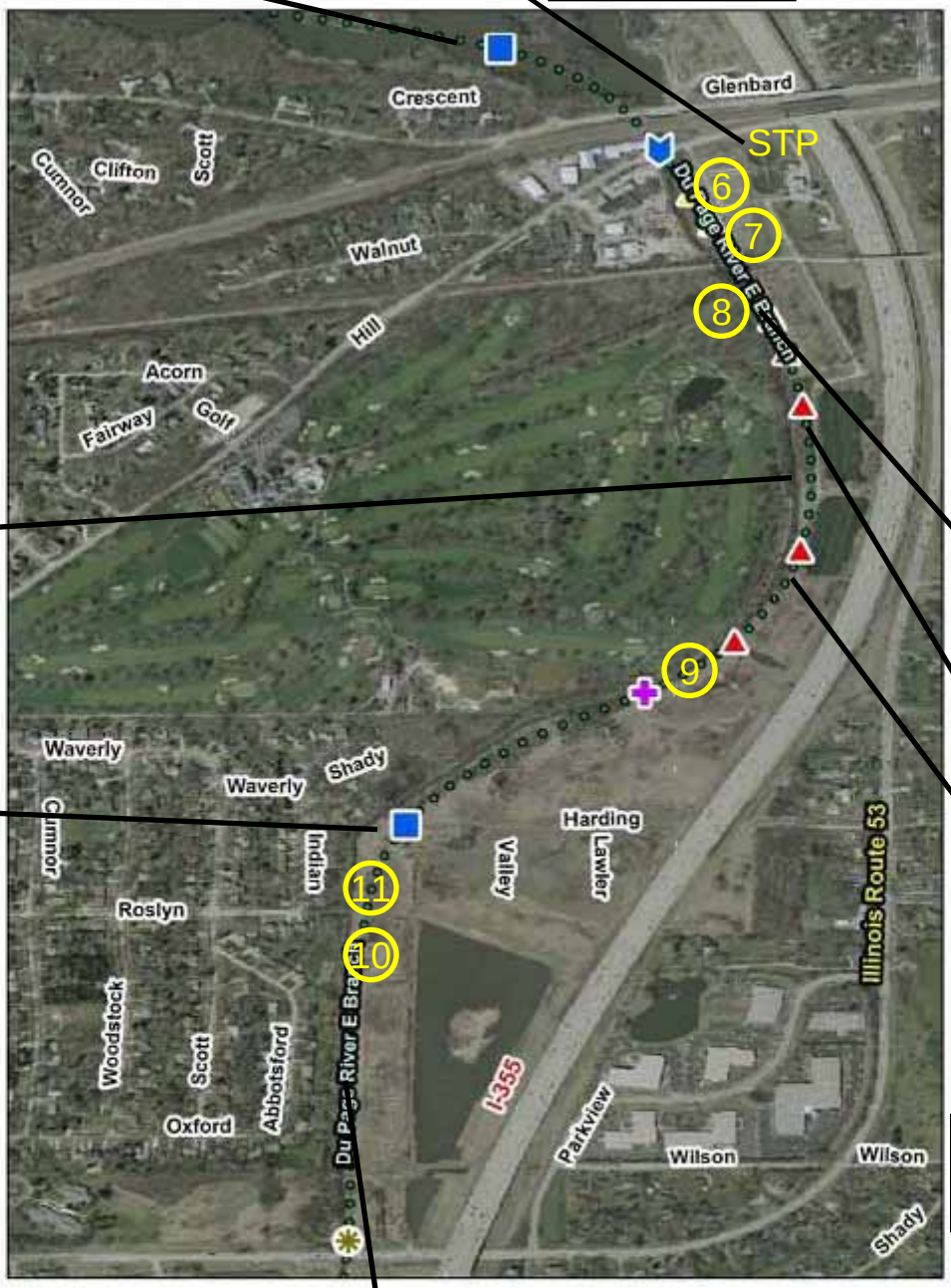
5. Silt/mud >2’ deep – 3’ to 4’ water

6. Rock Dam

Mallards & shorebirds

Glenbard/Lombard

7. Spillway from east



8. Rock Dam

Poor shoreline riparian area

Riffle

Silty gravel, 0.5' to 2' water

Beaver sign

SHAP score St. Charles to Route 53 = 90 (Fair)

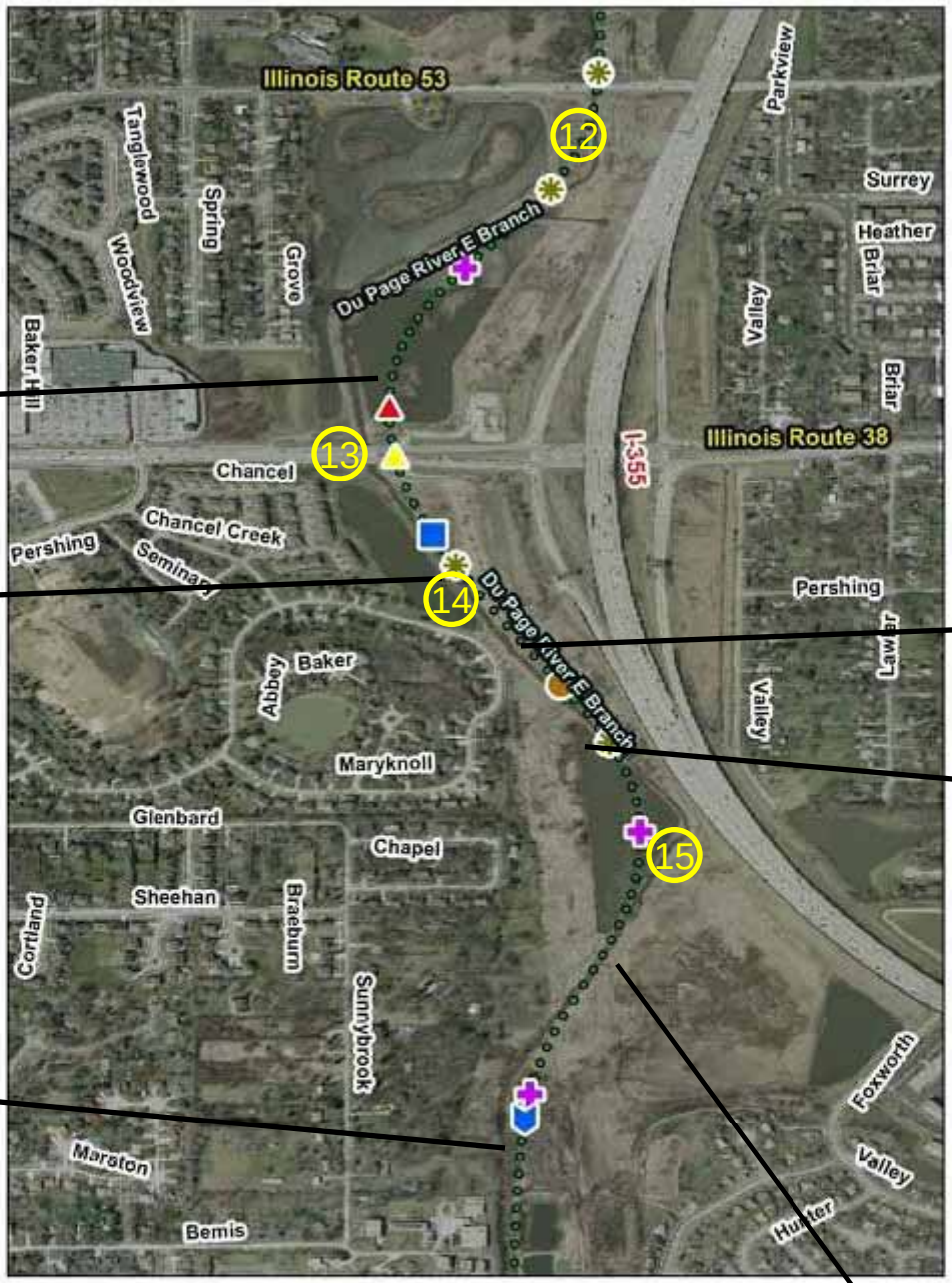
11. Sewer outlet

9. 0.5' to2' water 3" to 6" silty/sandy gravel

10. Two riffles rock/gravel, 0.5' to 1.5' water

Straight, channelized stream

12. Sandy gravel 1.0’ to 1.5’ water



13. Log dam 2’ hydraulic head, 2’-3’ water upstream, 3’-4’ water downstream.

3.0 to 4.0’ water 6” to 18” sediment

14. 0’ to 2’ water gravel w/some silt

Old structure (dam) broken in middle

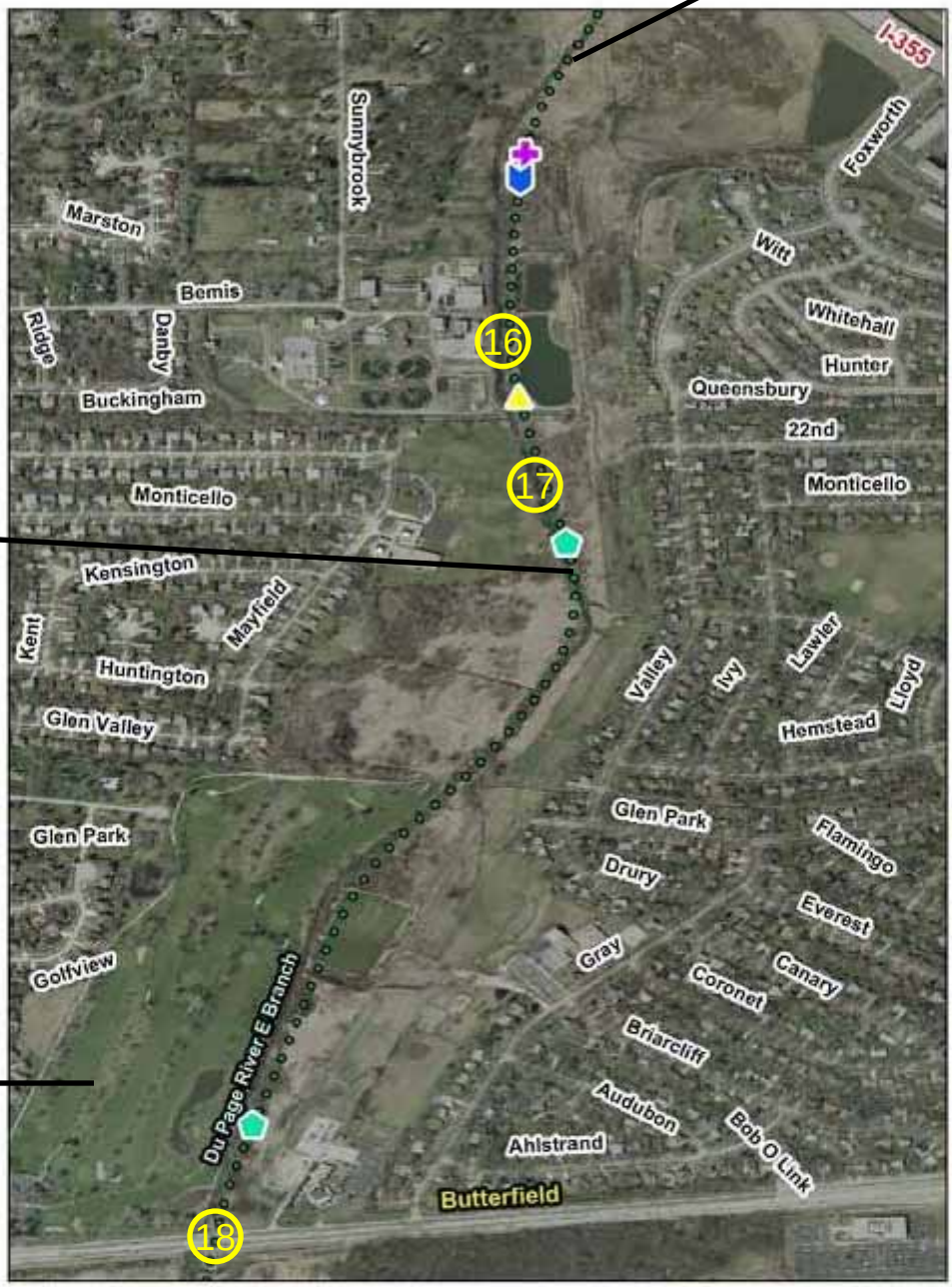
Riffle

15. Stream flows into pond

Beaver, mallard & kingfisher in the section

2’ water silt & sand some gravel, turns to gravel downstream

Poor canopy



16. Glenbard STP

IL Route 53 to Butterfield Section – SHAP Score = 89

17. 1.5' to 2.5' water, silt & gravel turning to silt

Western Springs Golf Course

18. Riffle at Butterfield, Before Butterfield - 0.5" to 2.5" water, gravel w/silt; After Butterfield - 1' to 2' water w/riffles, gravel

Stream debris common

19. 2” to 18” fine sediment 0-6” water

0.5’ to 1.5’ water, gravel

Beaver sign

20. Large log jam

Heavily channelized

Morton Arboretum

Fair canopy

21. 0.5’ to 4’ water, sandy silt w/gravel to silt

0.5’ to 2’ water 6” fine sediment

Riffle

Great Blue Heron

SHAP Score Butterfield Road to I-88 Score = 83

22. Cobble Riffles

23. I-88 Overpass

24. Rock dam 3' to 4' deep either side

Residential with poor canopy & debris

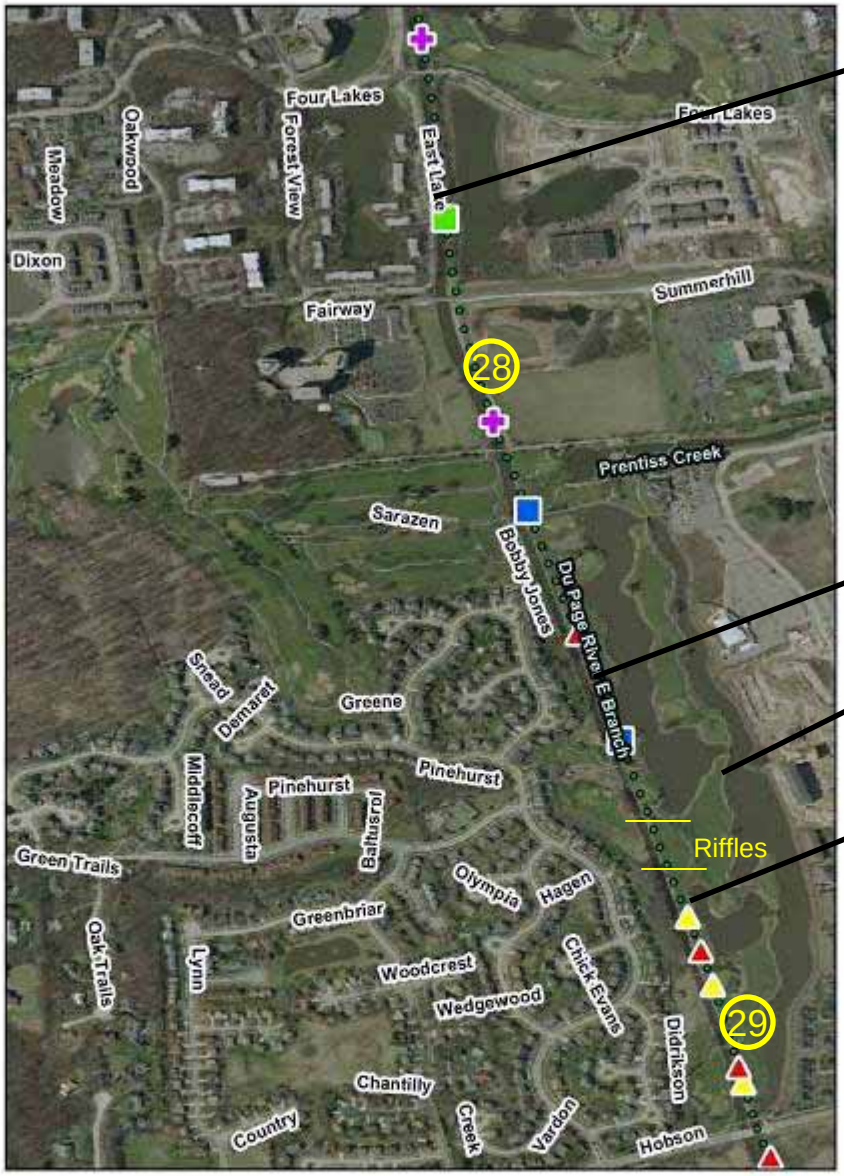
0.5 to 2' water, cobble/gravel

25. 0.5 to 1.0' water, gravel w/some fine sediment

26. 0.5 to 1.0' water, sand & gravel

27. 1.0 to 1.5' water, sand & gravel, some fine sediment areas. Bank stabilization on this segment.

Maple Avenue to Hobson Section SHAP Score - 89



1.0 to 2.0' water fine sediment <6"

28. 0.5' to 1.0' water sand & gravel with sediment

1.5' to 3' water, silt & sand

Seven Bridge Golf Course

Mussels present

29. 2' to 4' water, sand & gravel w/silt

30. Wide stretch, 0.5’ to 3.0’ water, gravel & fine sediment

32. 12” water, fine sediment & gravel

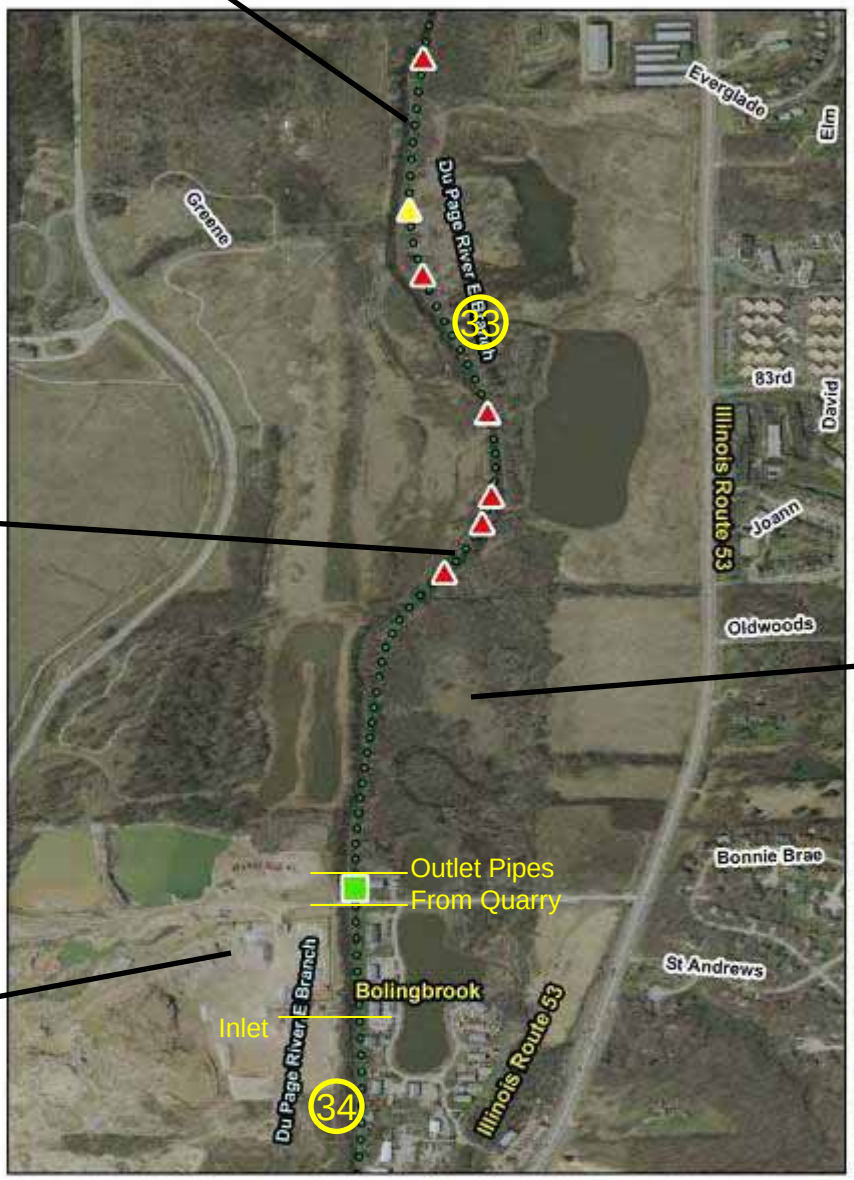
31. 3.0 to 4.0’ water, sand & silt

0.5’ to 1.5’ water, garbage strewn

3.0’ to 4.0’ water, gravel

Green Valley Forest Preserve

Bank erosion



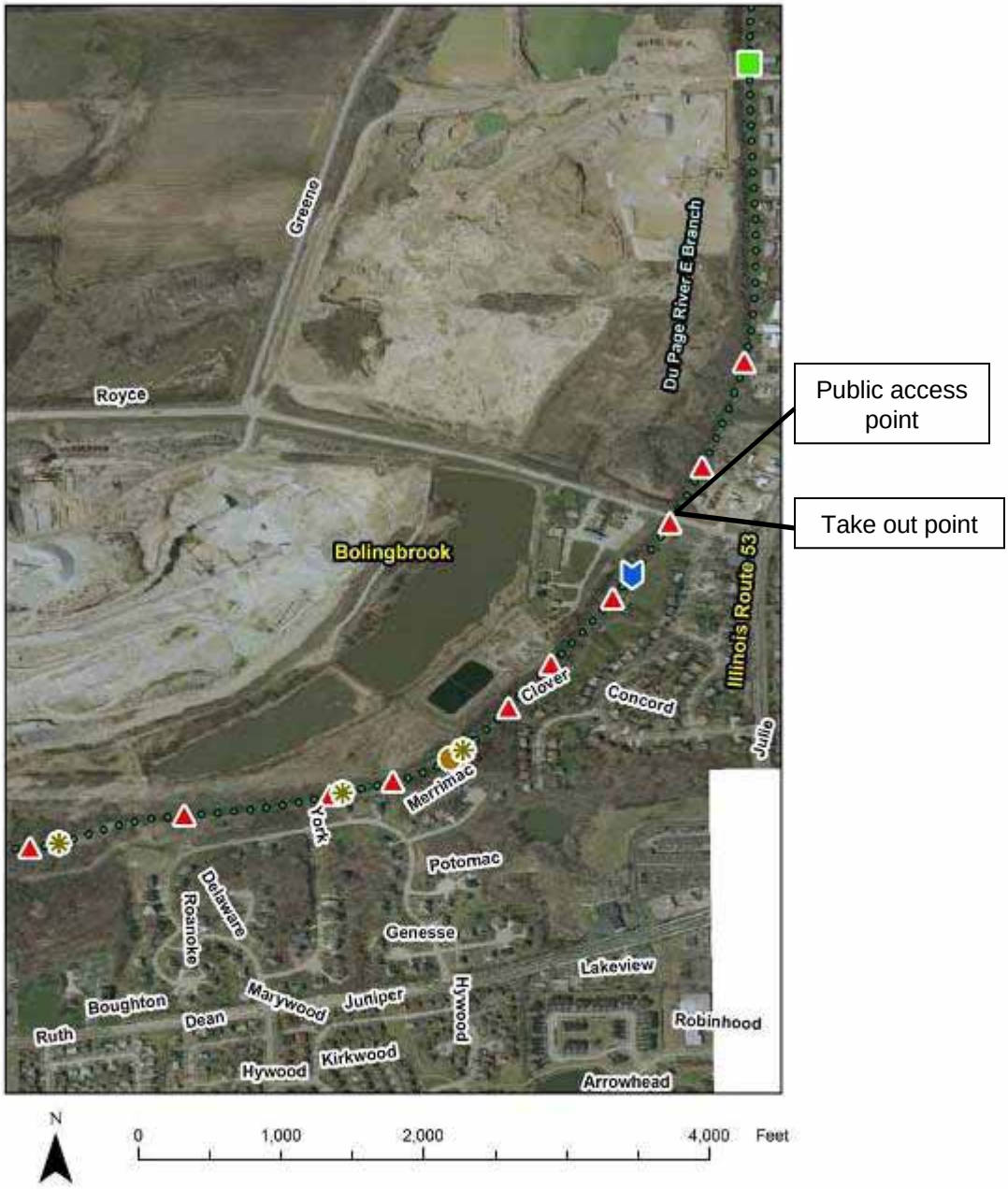
33. Log jam, 1' to 2' water, sand & gravel

Hobson to take out - SHAP Score = 96

Green Valley Forest Preserve

34. 1' to 2' water, fine sediment some gravel

Gravel operation


Greene
Du Page River E Branch
Royce
Public access point
Take out point
Bolingbrook
Illinois Route 53
Clover
Concord
Julie
Merrimac
York
Potomac
Delaware
Roanoke
Genesse
Lakeview
Boughton
Marywood
Juniper
Hywood
Dean
Ruth
Robinhood
Kirkwood
Hywood
Arrowhead
N
0
1,000
2,000
4,000
Feet