

Agenda

CFWI Regulatory Team Meeting

February 7, 2014 (9:00 to 12:00)

West Osceola Branch Library and Field Trip*

9:00 – 9:15

Meet at West Osceola Branch Library

Multipurpose Room

305 Campus Street; Celebration, FL 34747

- Field trip overview, distribute materials, load vehicles, and depart

<http://goo.gl/maps/Ugzkr>

9:15 – 11:15

Field Trip

- Depart from West Osceola Branch Library
- Site Visits
- Return to West Osceola Branch Library

11:15 – 12:00

Team Meeting

- Summary of relationships between water supply plans and joint CFWI RWSP (1/24/14 Meeting - Task #5)
- Future discussion topics

***The field trip will include a minimal amount of walking on irregular surfaces with low brush. Long pants and sturdy shoes are recommended for those attending the field trip.**

Field Trip Overview:

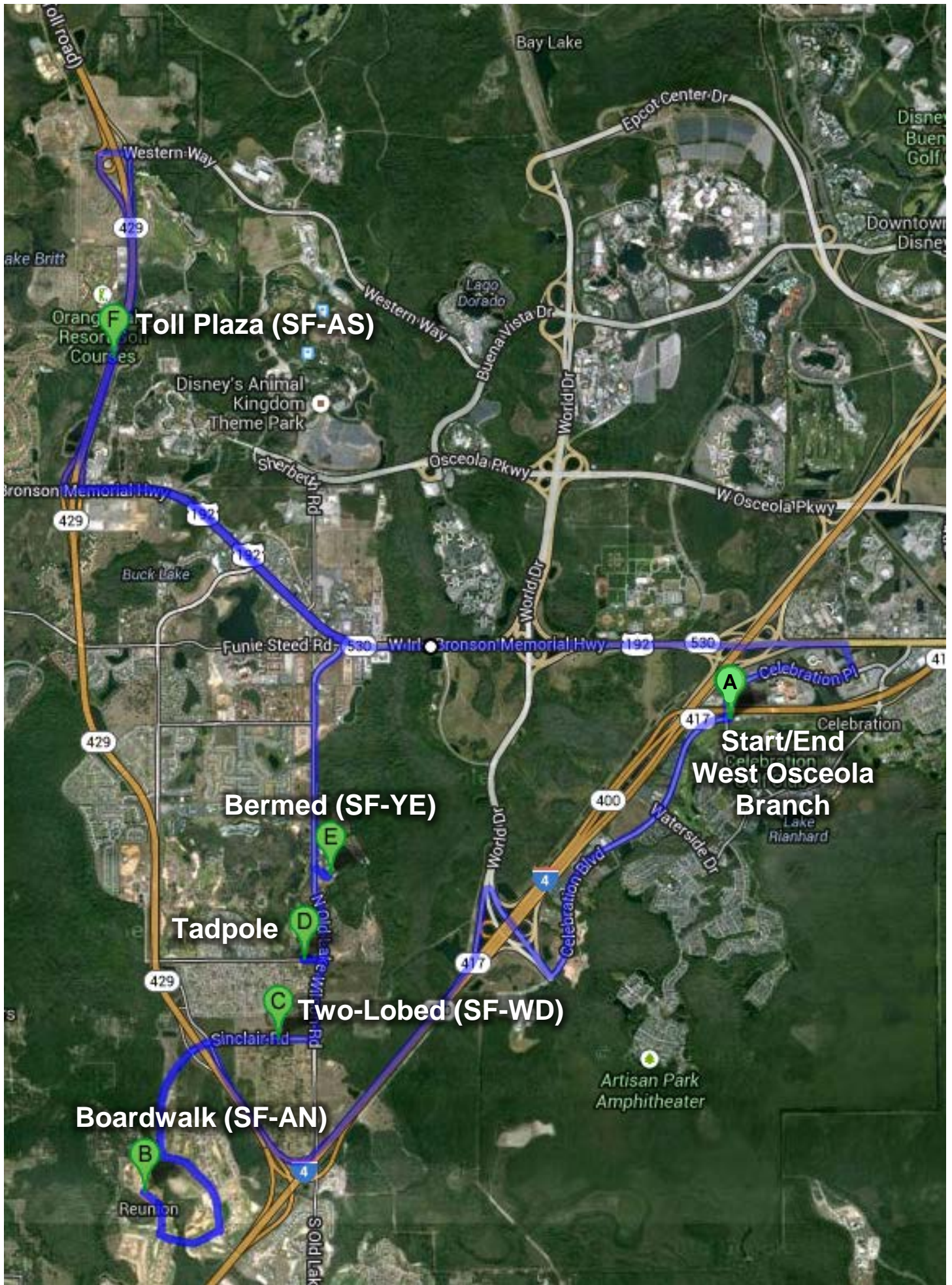
a. On today's Field Trip we will see:

- i. Healthy and altered wetland systems
- ii. Large and small wetland systems
- iii. Differing degrees of wetland functions and values
- iv. A variety of influences

b. Goal:

Attain information regarding:

- i. What types of changes to water resource conditions, including wetlands and other natural systems, are sustainable / permissible?
- ii. Functions and values associated with different water resources, including wetlands and other natural systems.
- iii. Changes that could define water availability from traditional sources. What changes should be fixed, and to what degree?



Toll Plaza (SF-AS)

Bermed (SF-YE)

Tadpole

Two-Lobed (SF-WD)

Boardwalk (SF-AN)

**Start/End
West Osceola
Branch**



Directions to Unknown road
27.8 mi – about 46 mins

A 305 Campus St, Kissimmee, FL 34747

- | | | |
|--|--|---------------------------|
| | 1. Head north on Campus St | go 20 ft
total 20 ft |
| | 2. Turn left onto Celebration Blvd
About 3 mins | go 2.2 mi
total 2.2 mi |
| | 3. Turn right onto World Dr
About 1 min | go 0.7 mi
total 2.8 mi |
| | 4. Turn left onto the ramp to I-4 W/Tampa
About 1 min | go 0.9 mi
total 3.7 mi |
| | 5. Merge onto I-4 W
About 58 secs | go 1.1 mi
total 4.8 mi |
| | 6. Take exit 60 for Florida 429 Toll N toward Apopka
Toll road
About 46 secs | go 0.7 mi
total 5.5 mi |
| | 7. Merge onto FL-429 Toll N
Toll road | go 0.3 mi
total 5.8 mi |
| | 8. Take exit 1A for Sinclair Rd
Partial toll road | go 0.3 mi
total 6.1 mi |
| | 9. Turn left onto Sinclair Rd
About 1 min | go 0.9 mi
total 7.0 mi |
| | 10. Sinclair Rd turns slightly left and becomes Tradition Blvd
Partial restricted usage road
About 2 mins | go 0.7 mi
total 7.6 mi |
| | 11. Turn right onto Grand Traverse Pkwy
Restricted usage road
About 1 min | go 0.4 mi
total 8.0 mi |
| | 12. Take the 1st right onto Desert Mountain Ct
Restricted usage road
About 49 secs | go 0.3 mi
total 8.3 mi |

Total: **8.3 mi** – about **13 mins**

B Desert Mountain Ct

total 0.0 mi

- | | | |
|--|---|---------------------------|
| | 13. Head southeast on Desert Mountain Ct toward Grand Traverse Pkwy
Restricted usage road
About 45 secs | go 0.3 mi
total 0.3 mi |
| | 14. Turn left onto Grand Traverse Pkwy
Restricted usage road
About 1 min | go 0.4 mi
total 0.7 mi |
| | 15. Take the 1st left onto Tradition Blvd
Partial restricted usage road
About 2 mins | go 0.7 mi
total 1.4 mi |
| | 16. Turn right onto Sinclair Rd
About 2 mins | go 1.3 mi
total 2.7 mi |

Total: **2.7 mi** – about **6 mins**

C Sinclair Rd

total 0.0 mi

- | | | |
|--|---|---------------------------|
| | 17. Head east on Sinclair Rd toward N Old Lake Wilson Rd | go 0.2 mi
total 0.2 mi |
| | 18. Turn left onto N Old Lake Wilson Rd | go 0.5 mi |

About 51 secs

total 0.8 mi



19. Turn left onto **Sand Hill Rd**
Destination will be on the right

go 0.1 mi
total 0.9 mi

Total: **0.9 mi** – about **2 mins**

Sand Hill Rd

total 0.0 mi

20. Head **east** on **Sand Hill Rd** toward **N Old Lake Wilson Rd**

go 0.1 mi
total 0.1 mi



21. Turn left onto **N Old Lake Wilson Rd**
About 45 secs

go 0.6 mi
total 0.7 mi

22. Take the 1st right onto **Atlantis Way**

go 269 ft
total 0.8 mi



23. Turn right

go 377 ft
total 0.8 mi

Total: **0.8 mi** – about **2 mins**

Unknown road

total 0.0 mi

24. Head **southwest** toward **Atlantis Way**

go 377 ft
total 377 ft

25. Take the 1st left onto **Atlantis Way**

go 269 ft
total 0.1 mi



26. Turn right onto **N Old Lake Wilson Rd**
About 3 mins

go 1.5 mi
total 1.7 mi



27. Turn left onto **FL-530 W/US-192 W/W Irlo Bronson Memorial Hwy**
About 3 mins

go 2.0 mi
total 3.7 mi



28. Take the **Florida 429 Toll N** ramp to **Apopka**
Toll road

go 0.3 mi
total 4.0 mi



29. Merge onto **FL-429 Toll N**
Toll road
About 1 min

go 1.5 mi
total 5.5 mi



30. Take exit **8** toward **Hartzog Rd**
Partial toll road
About 1 min

go 0.4 mi
total 5.9 mi

31. Turn left onto **Western Way**

go 0.2 mi
total 6.1 mi



32. Turn left onto the **Florida 429 Toll S** ramp to **Tampa**
Partial toll road
About 1 min

go 0.7 mi
total 6.7 mi



33. Merge onto **FL-429 Toll**
Toll road

go 0.7 mi
total 7.5 mi



34. Continue onto **FL-429 S**
Toll road

go 85 ft
total 7.5 mi

Total: **7.5 mi** – about **12 mins**

FL-429 S

total 0.0 mi



35. Head **south** on **FL-429 Toll** toward **Exit 6**
Toll road

go 0.6 mi
total 0.6 mi



36. Take exit **6** for **US-192** toward **Kissimmee**
Partial toll road

go 0.3 mi
total 0.9 mi



37. Turn left onto **FL-530 E/US-192 E/W Irlo Bronson Memorial Hwy**
About 7 mins

go 5.4 mi
total 6.3 mi

38. Turn right onto **Celebration Pl**

go 0.2 mi
total 6.5 mi



39. Turn right to stay on **Celebration Pi**
About 2 mins

go 1.0 mi
total 7.5 mi

Total: **7.6 mi** – about **11 mins**



Unknown road

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2014 Google

Directions weren't right? Please find your route on maps.google.com and click "Report a problem" at the bottom left.

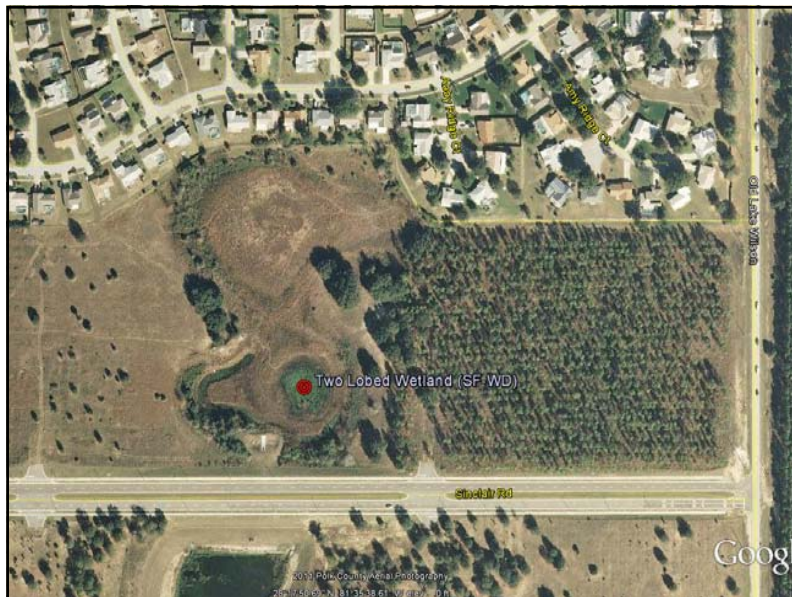
Boardwalk Wetland (SF-AN)

- Wetland Type: Isolated freshwater marsh/cypress
- Size: ~16 acres
- Stress indicators: None
- Hydrologic indicators: Distinct lichen lines
 - Max Pool 13 inches
- Ecological indicators: Exhibits good zonation of different wetland vegetation types with distinct separation
- Soil Conditions: No evidence of soil loss or unusually dry conditions



Two-Lobed Wetland (SF-WD)

- Wetland Type: Isolated freshwater marsh
- Size: ~7 acres
- Stress indicators: Soil fissures
- Hydrologic indicators: Little to no signs of inundation (lichen lines, etc.) – Only saturation
- Ecological indicators: Lack of zonation in vegetation
 - Encroachment of upland species (salt bush, broomsedge, etc.)
 - Wetland size reduced from historical conditions
- Soil Conditions: Soil Oxidation



Two-Lobed Wetland - Northern Lobe

Photo taken during dry season



Photo taken at end of wet season



Tadpole Wetland

- Wetland Type: Isolated freshwater marsh
- Size: 3.9 acres
- Stress indicators: Soil fissures
- Hydrologic indicators: Little to no signs of inundation (lichen lines, etc.) – Only saturation
- Ecological indicators: Lack of zonation in vegetation
 - Obligate groundcover species absent or dead
- Soil Conditions: Oxidation and compaction of soils



Tadpole Wetland



Tadpole Wetland

Soil Fissures

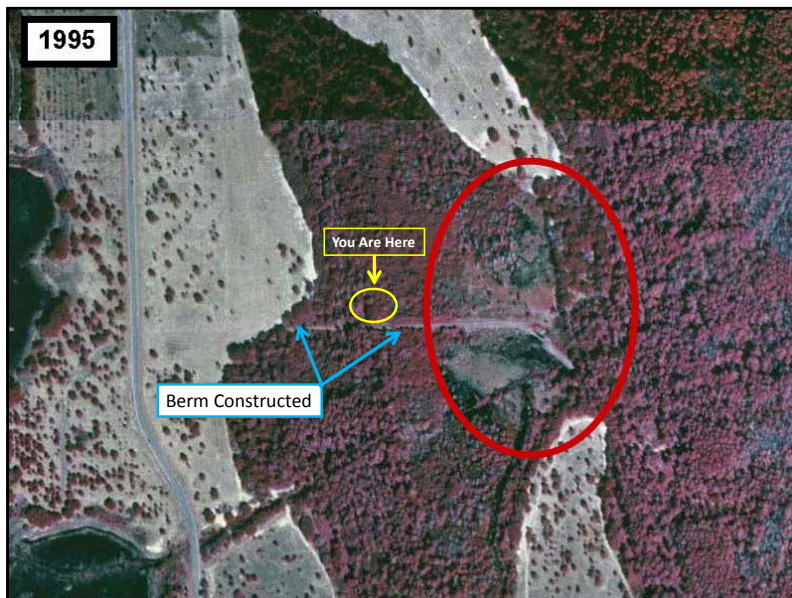


Lack of vegetation zonation



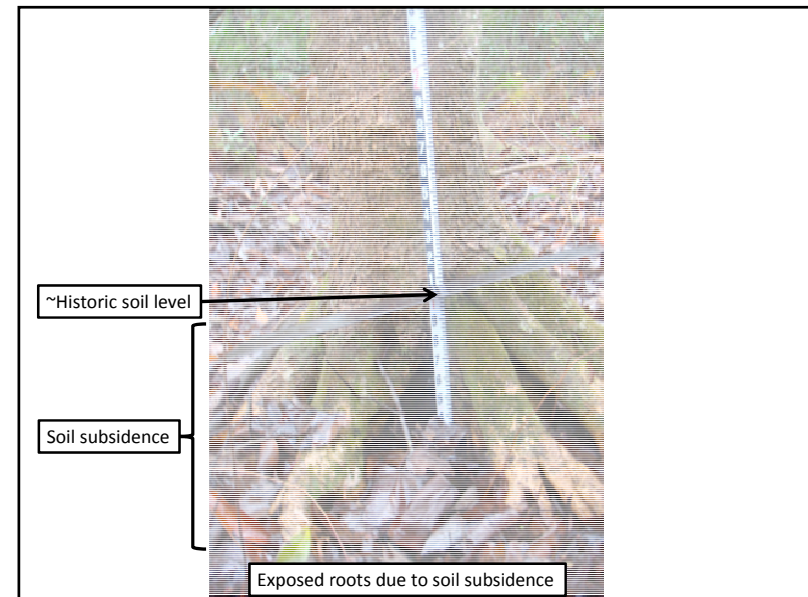
Bermed Wetland (SF-YE) - North

- Wetland Type: Mixed Forest
- Size: Large contiguous – Connected to Reedy Creek
- Stress indicators: None
- Hydrologic indicators: Consistent and distinct lichen lines
 - Normal Pool 4 inches
- Ecological indicators: Exhibits good zonation between upland and wetland community
 - Vegetation types change with depth of inundation
- Soil Conditions: No evidence of soil loss
- Large berm constructed ~1995 bifurcates historic wetland



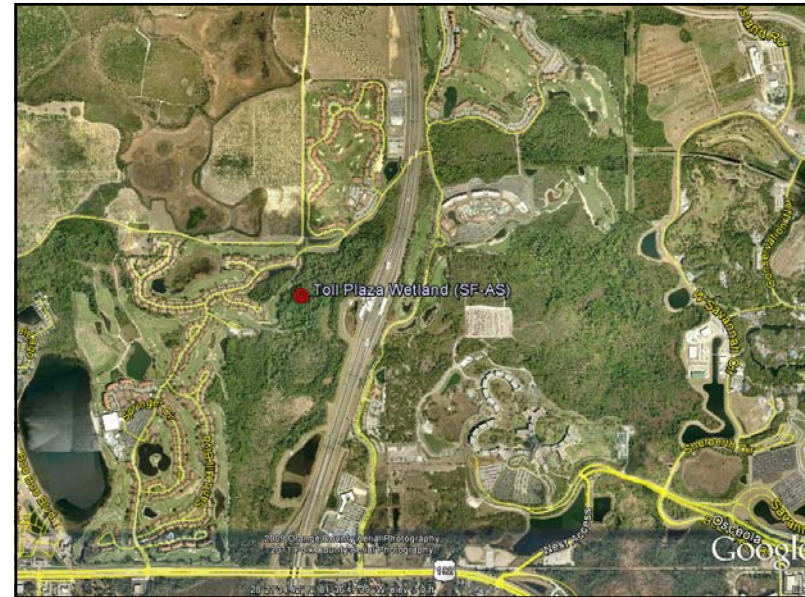
Bermed Wetland (SF-YE) - South

- Wetland Type: Mixed Forest
- Size: Large contiguous – Connected to Reedy Creek
- Stress indicators: Tree falls, leaning trees, exposed roots, soil subsidence
- Hydrologic indicators: No signs of inundation (moss collars, lichen lines, etc.) – Only saturation
- Ecological indicators: Obligate groundcover species absent
 - No vegetation changes with depth of inundation
- Soil Conditions: Oxidation and loss of soil
- Large berm constructed ~1995 bifurcates historic wetland



Toll Plaza Wetland (SF-AS)

- Wetland Type: Mixed Forest
- Size: Large – Connected to Reedy Creek
- Stress indicators: Tree falls, leaning trees, exposed roots, soil subsidence
- Hydrologic indicators: No signs of inundation (moss collars, lichen lines, etc.) – Only saturation
- Ecological indicators: Shift in obligate groundcover species
- Soil Conditions: Oxidation and significant loss of soil
 - Soils appear to have subsided to altered water table elevation



Toll Plaza Wetland (SF-AS)



Evidence of exposed roots due to soil oxidation