

REMOVAL
OF
BLACKBERRY
CREEK DAM



Agenda

Removing Blackberry Creek Dam



- ① **Where are we going?**
- ② **How are we going to get there?**
- ③ **Who are the players?**
- ④ **What do we need to get there?**
- ⑤ **What are the bumps along the way?**
- ⑥ **ARE WE THERE YET?**

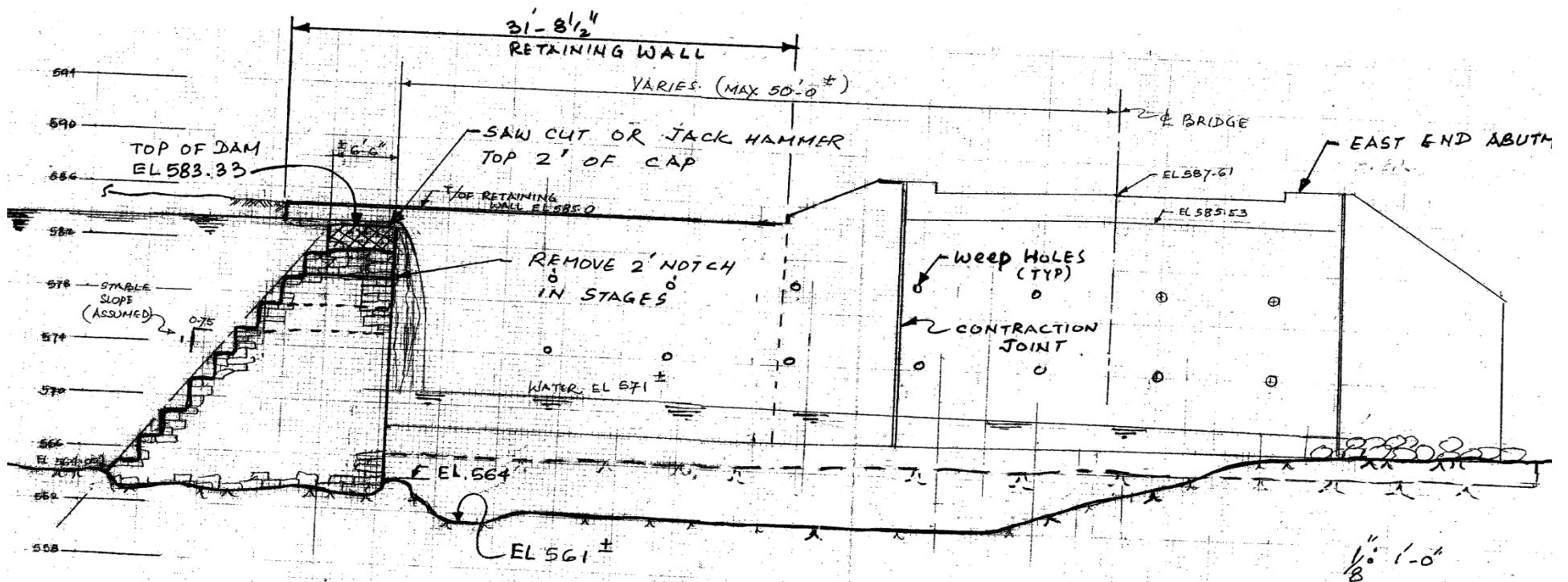
Where are we going? Here



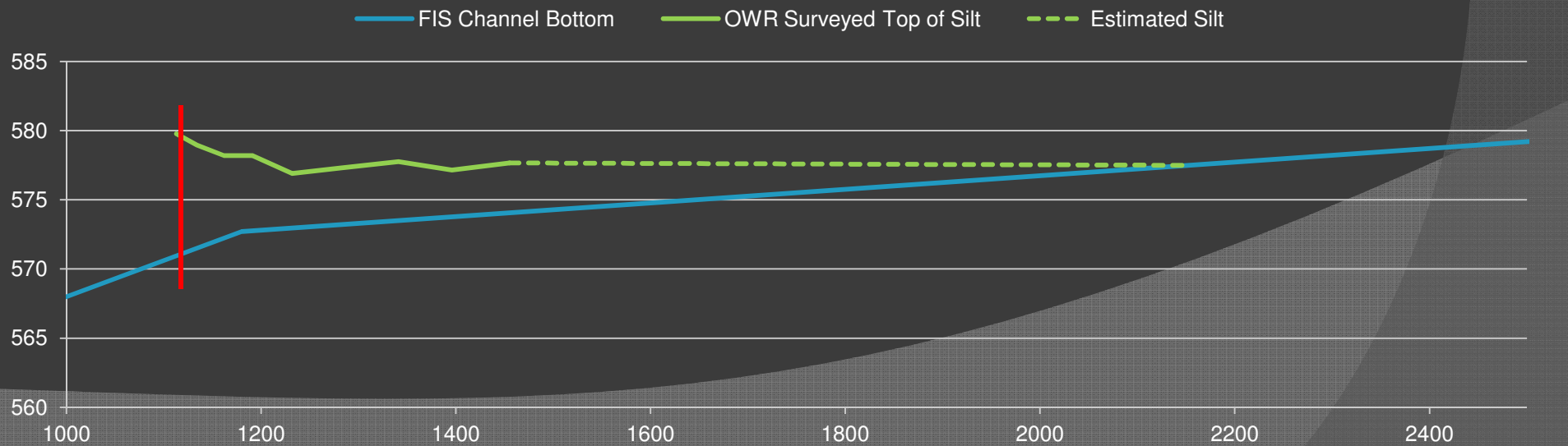
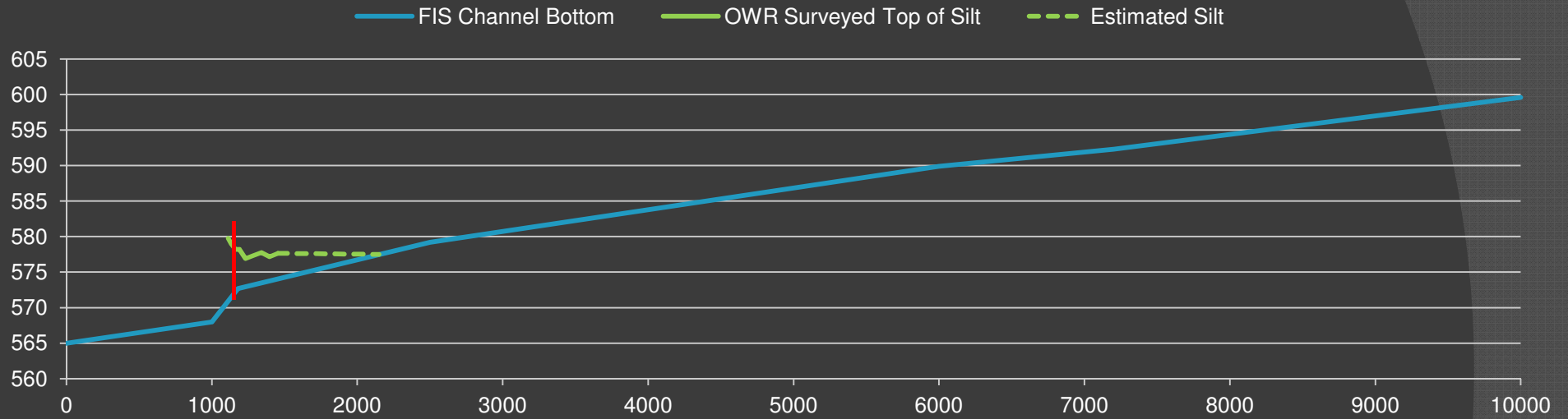
How are we going to get there?



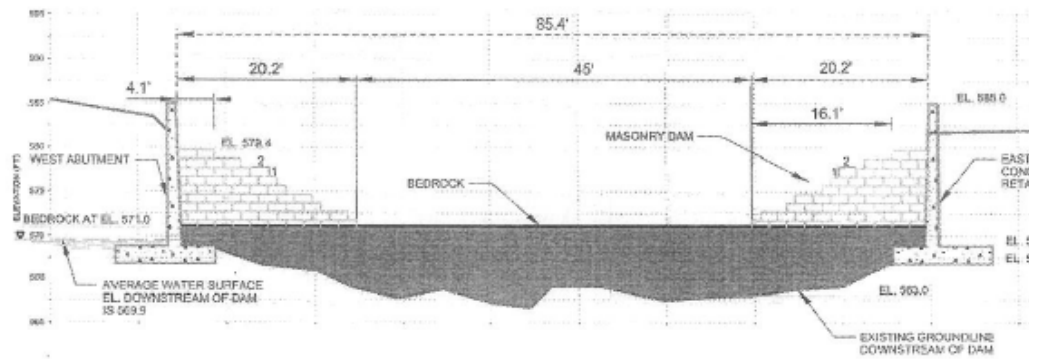
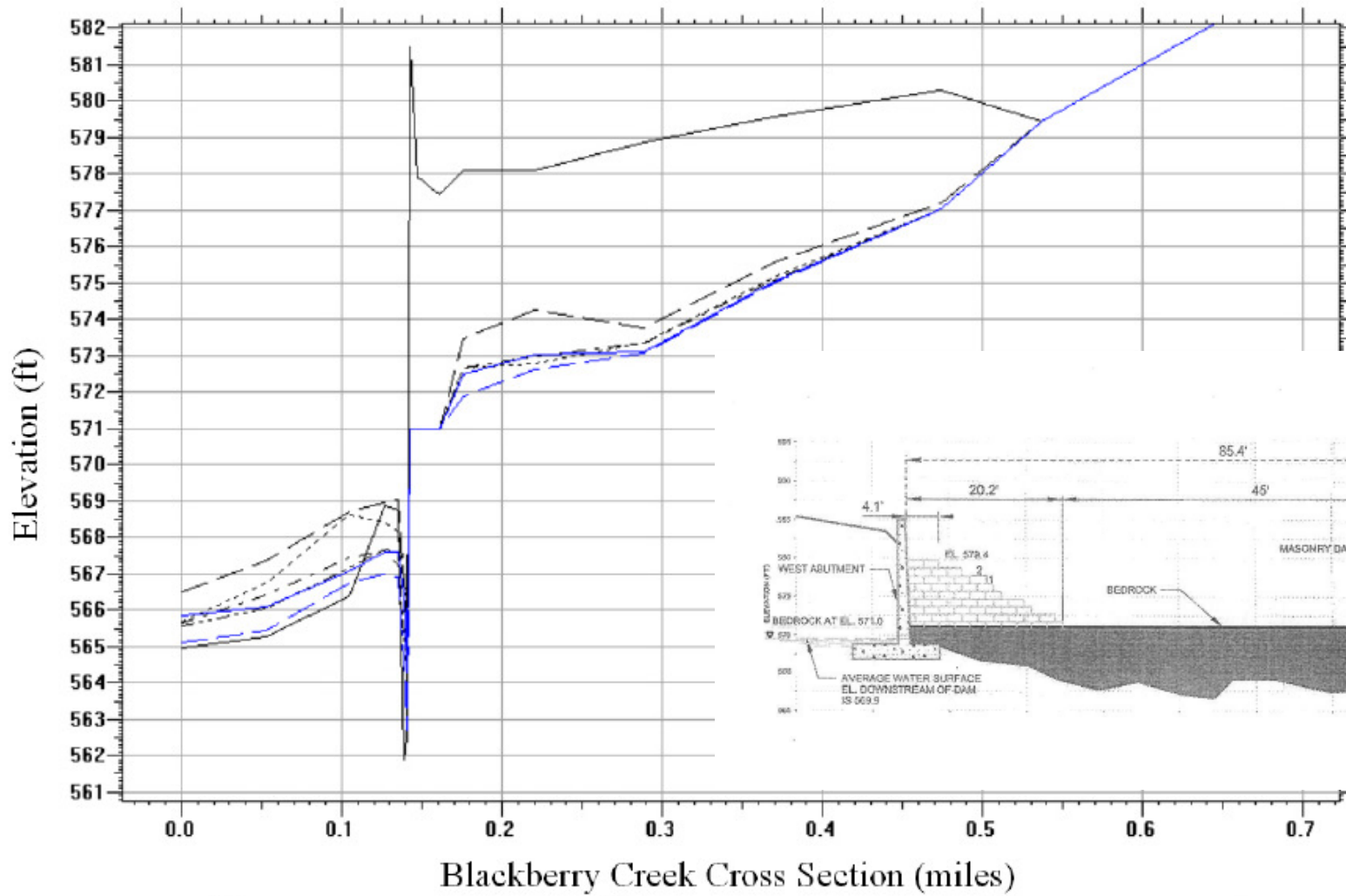
EXISTING DAM



Recent Sediment Probing

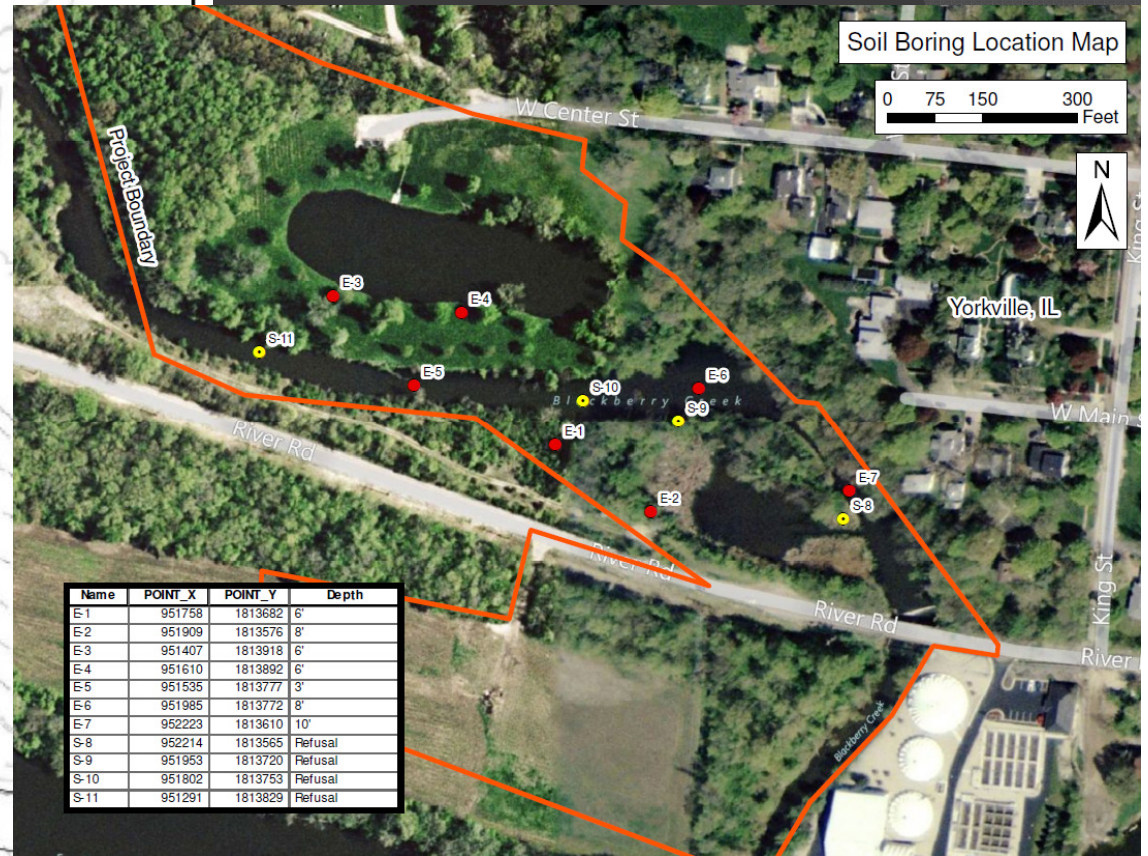
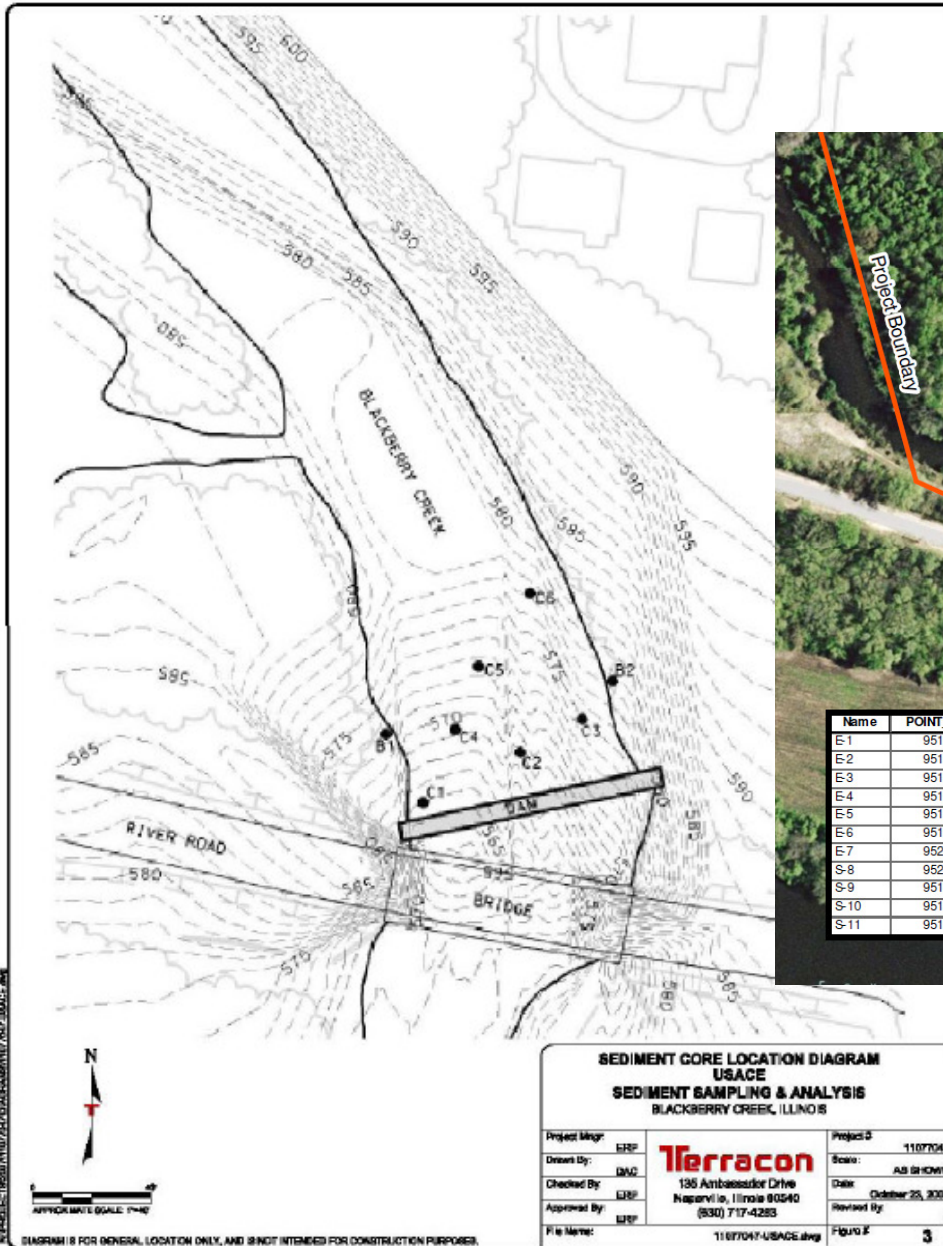


Previous Corps Plan: Notch and Erode

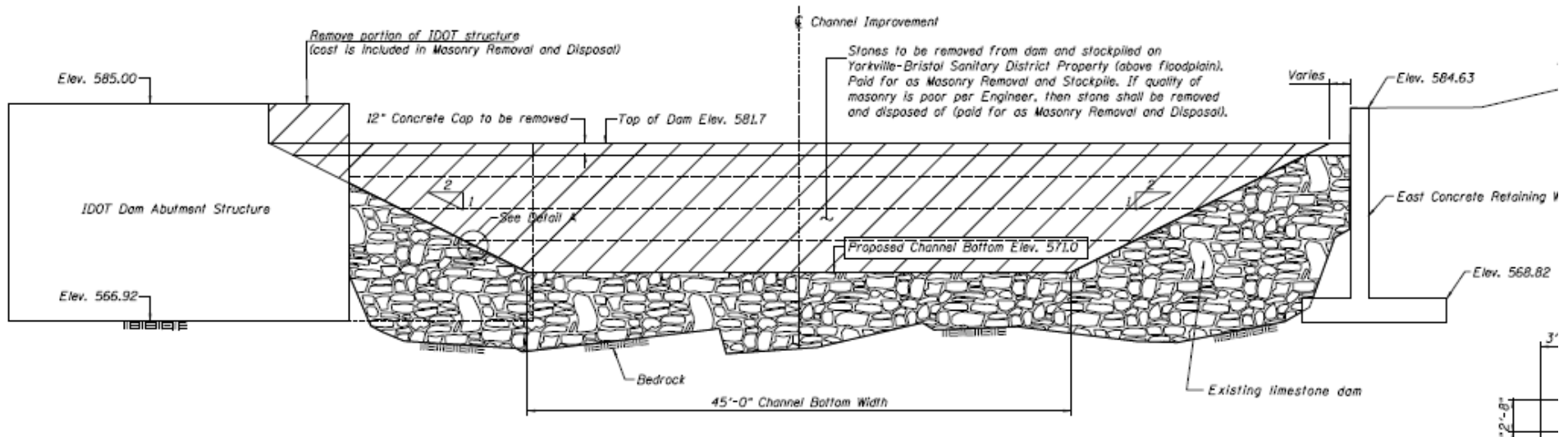


- | | | | | | | |
|-----------|---------|---------|---------|-------|----------|---|
| — | 0 Days | - - - | 3 Years | — | 5 Years | § |
| - - - | 1 Year | - - - - | 4 Years | - - - | 17 Years | § |
| - · - · - | 2 Years | | | | | |

Sediment Sampling

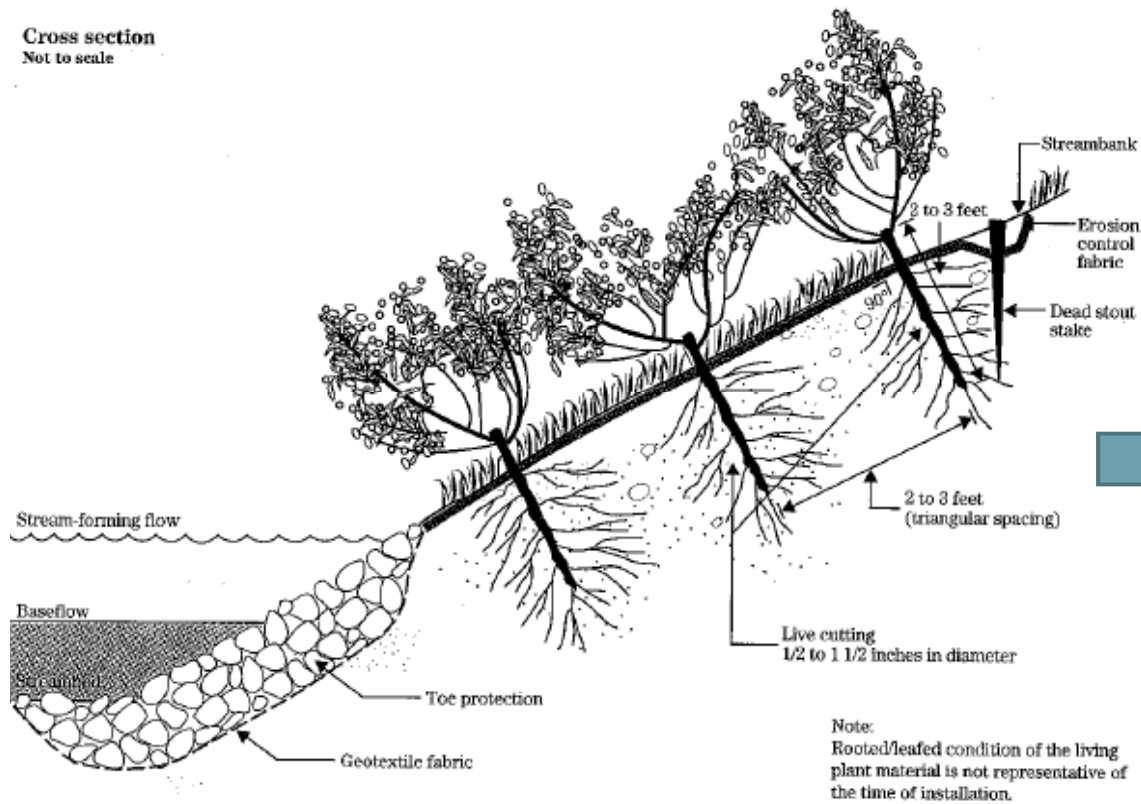


Dam Removal Plan



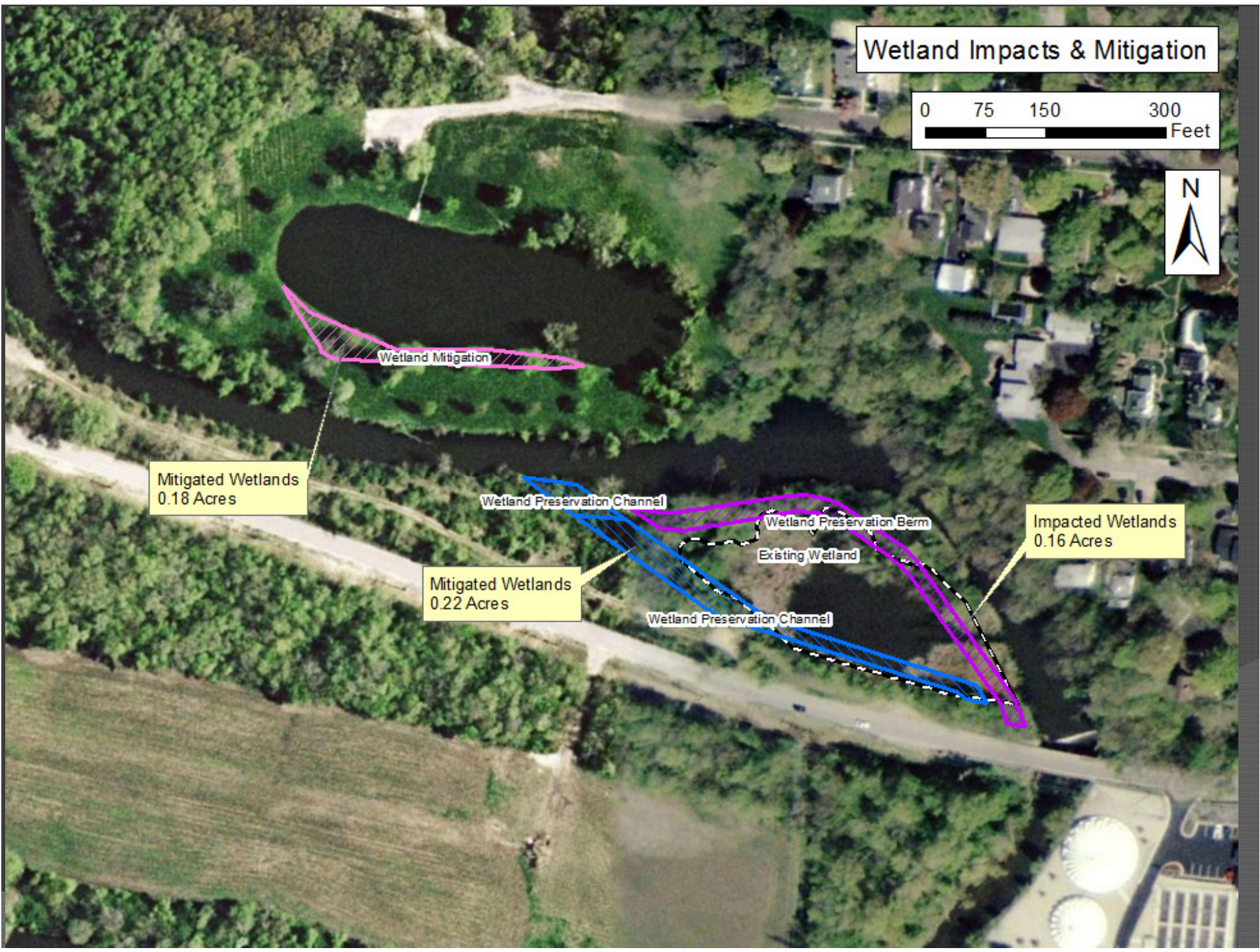
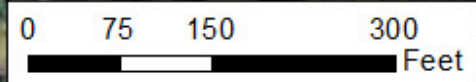
Blackberry Creek Dam Removal Plan

Cross section
Not to scale



Robin Sotir & Associates Photo

Wetland Impacts & Mitigation



Mitigated Wetlands
0.18 Acres

Mitigated Wetlands
0.22 Acres

Impacted Wetlands
0.16 Acres

Wetland Mitigation

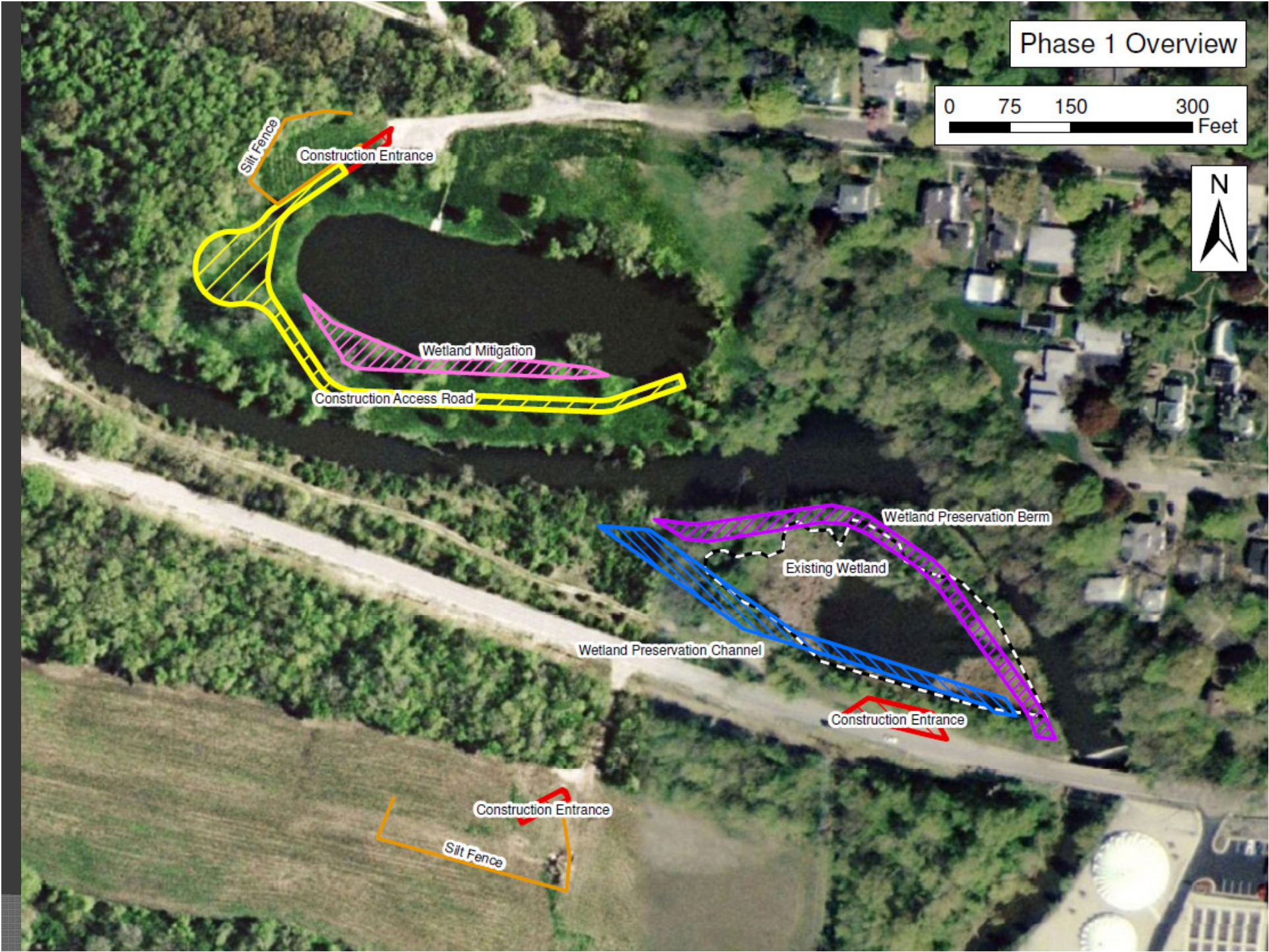
Wetland Preservation Channel

Wetland Preservation Berm

Existing Wetland

Wetland Preservation Channel

Phase 1 Overview



Phase 1 wetland expansion and Wetland Preservation Berm



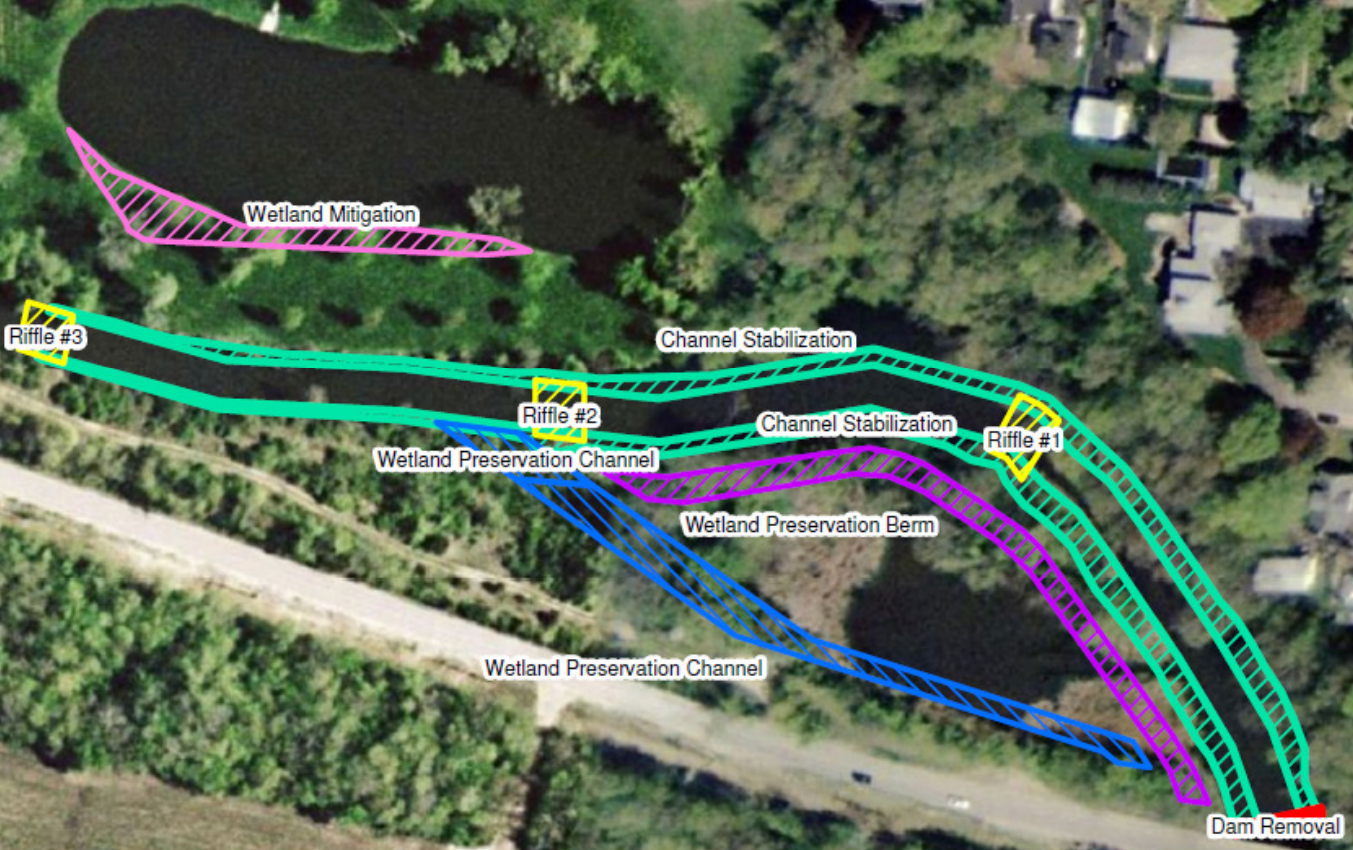
Phase 1 Wetland Preservation Berm



Phase 1 Mitigation: JC Pond Expansion

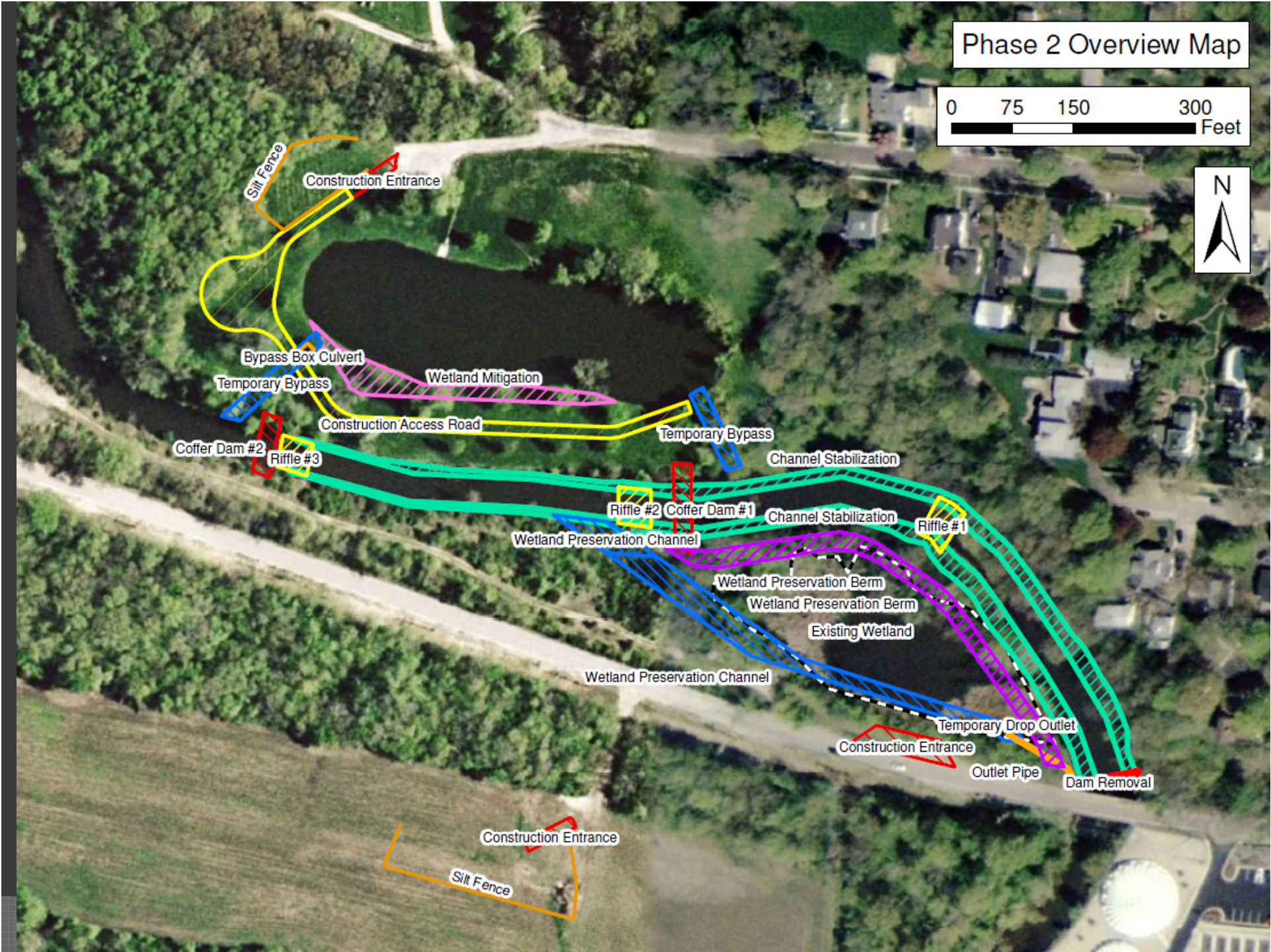
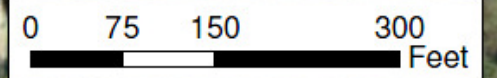


Phase 2 Overview Map





Phase 2 Overview Map



Who are the players?

- YBSD
- IDOT
- IHPA
- Corps
- IDNR

Why IDNR?



What do we need to get there?

1. Sponsorship Agreement
2. Project Plan
3. IDOT Bridge Project
4. Permits (Nationwide 27 and Dam Safety).
5. Land Rights: construction and O&M.
6. Funding (\$1,000,000 +)
7. Monitoring and maintenance.



What are the bumps along the Road?

- Sediment Disposal
- Weather
- Multiple Contractors
- Time



ARE WE THERE YET???

2012

- May – Completed Phase 1 Construction, Completed Phase 2 Plans and Specs
- August - IDOT Bulletin for Phase 2 work
- September - Phase 2 Bid Letting
- October - Bridge Contractor Installs Bypass Drop Structure During Bridge Replacement work
- November - Begin Phase 2 Construction (End June 2013)

Thank you



Questions?

