# Appendix A

# Figures

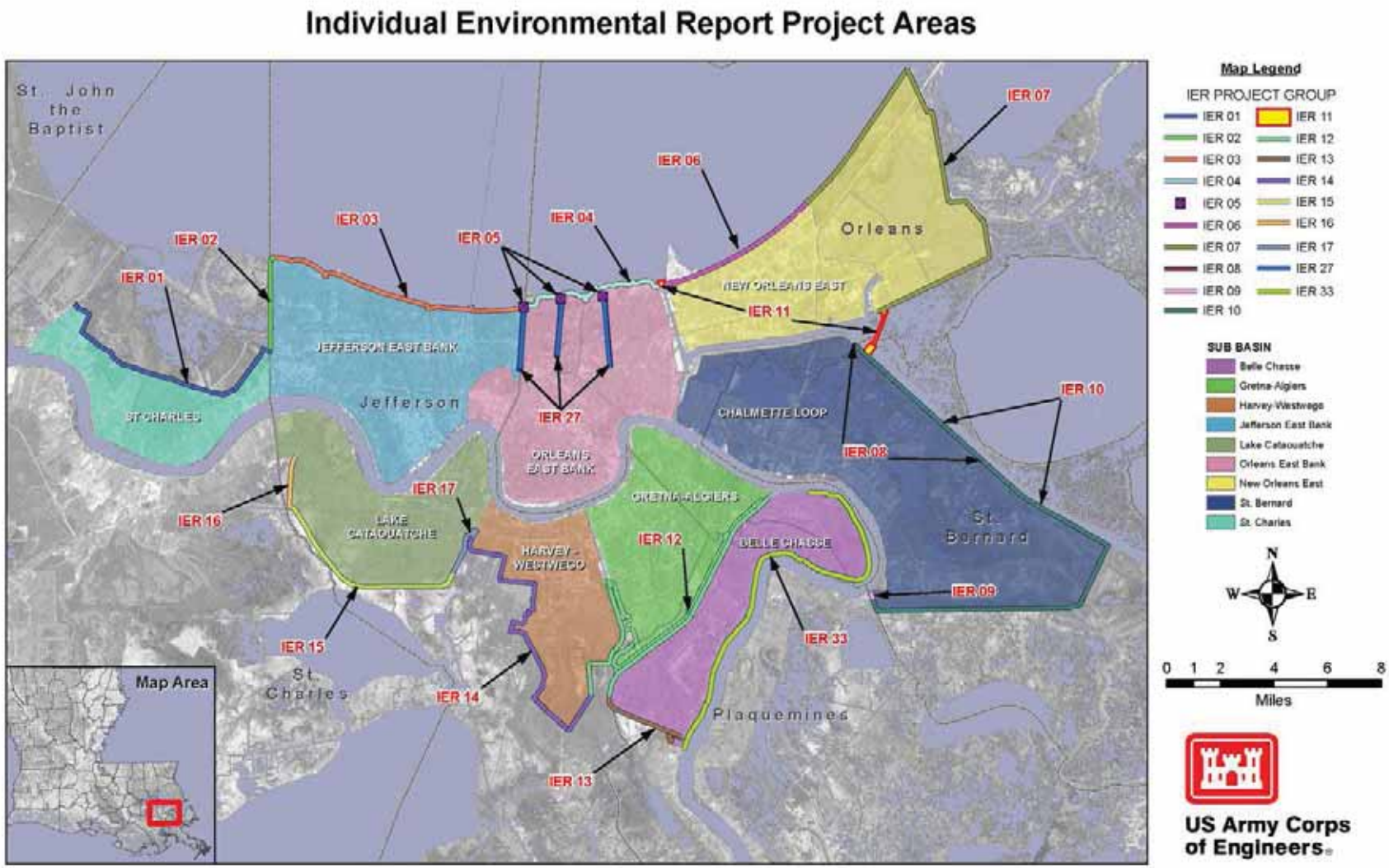



Figure 1: HSDRRS IER Project Areas

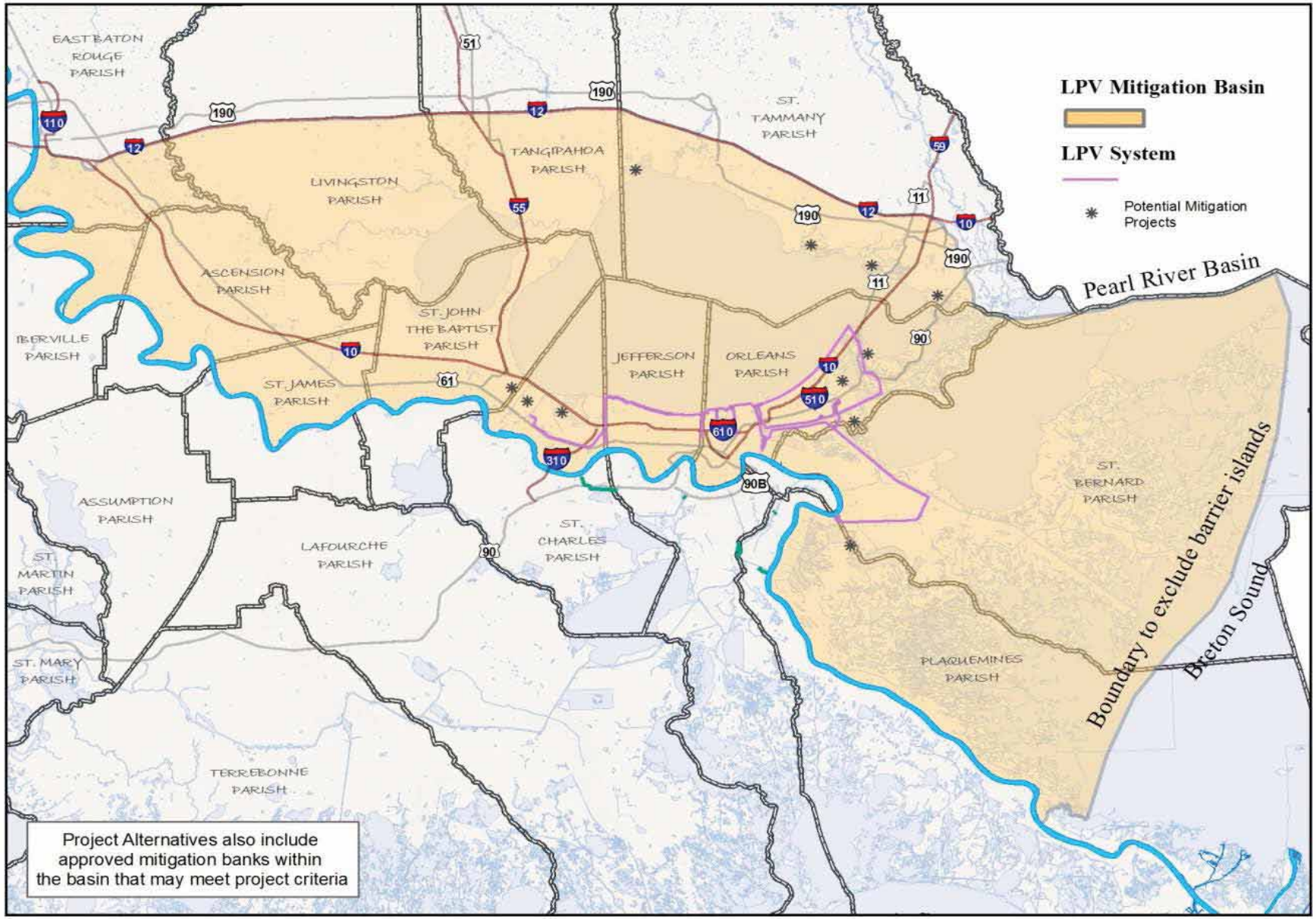



Figure 2: LPV Mitigation Basin

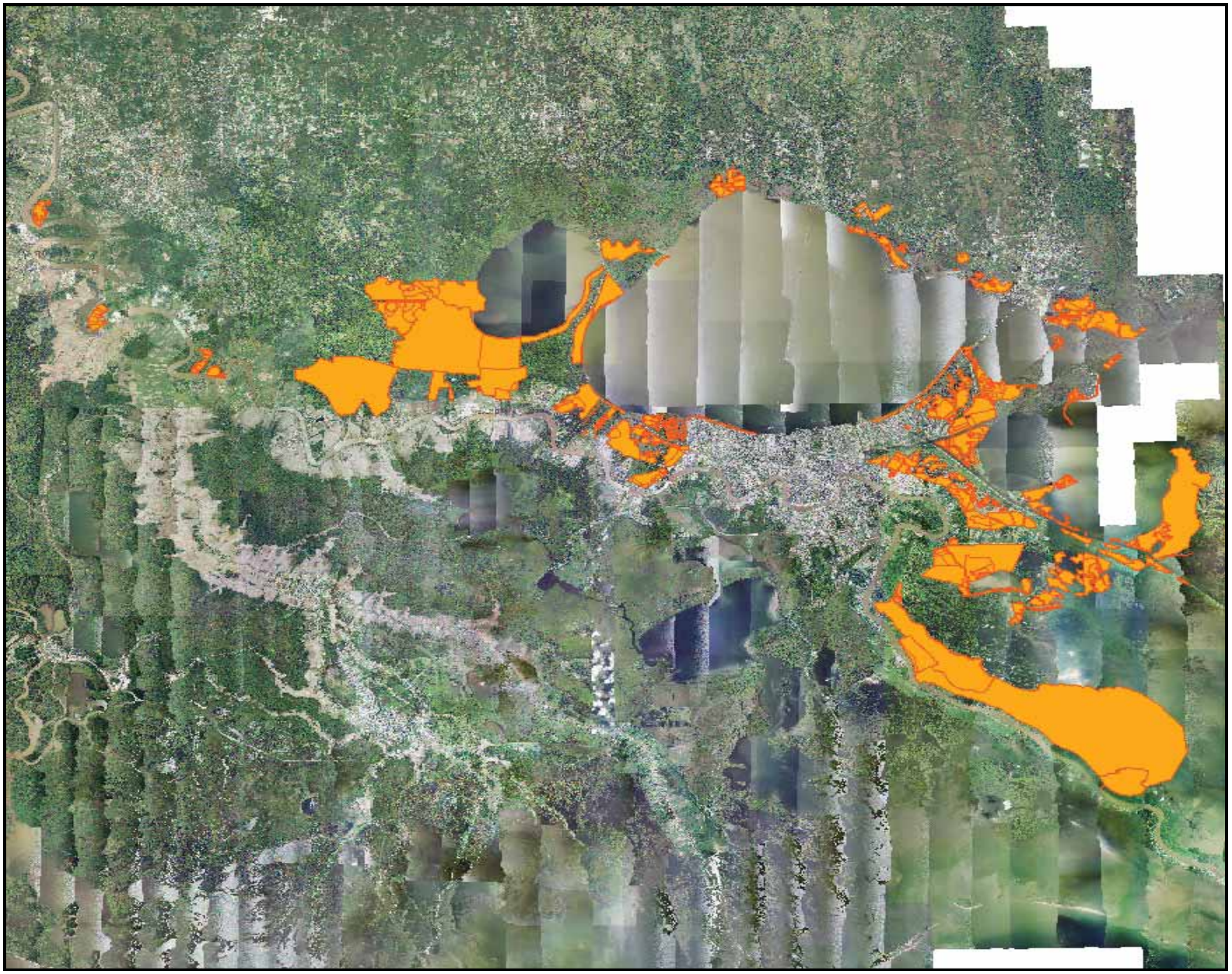
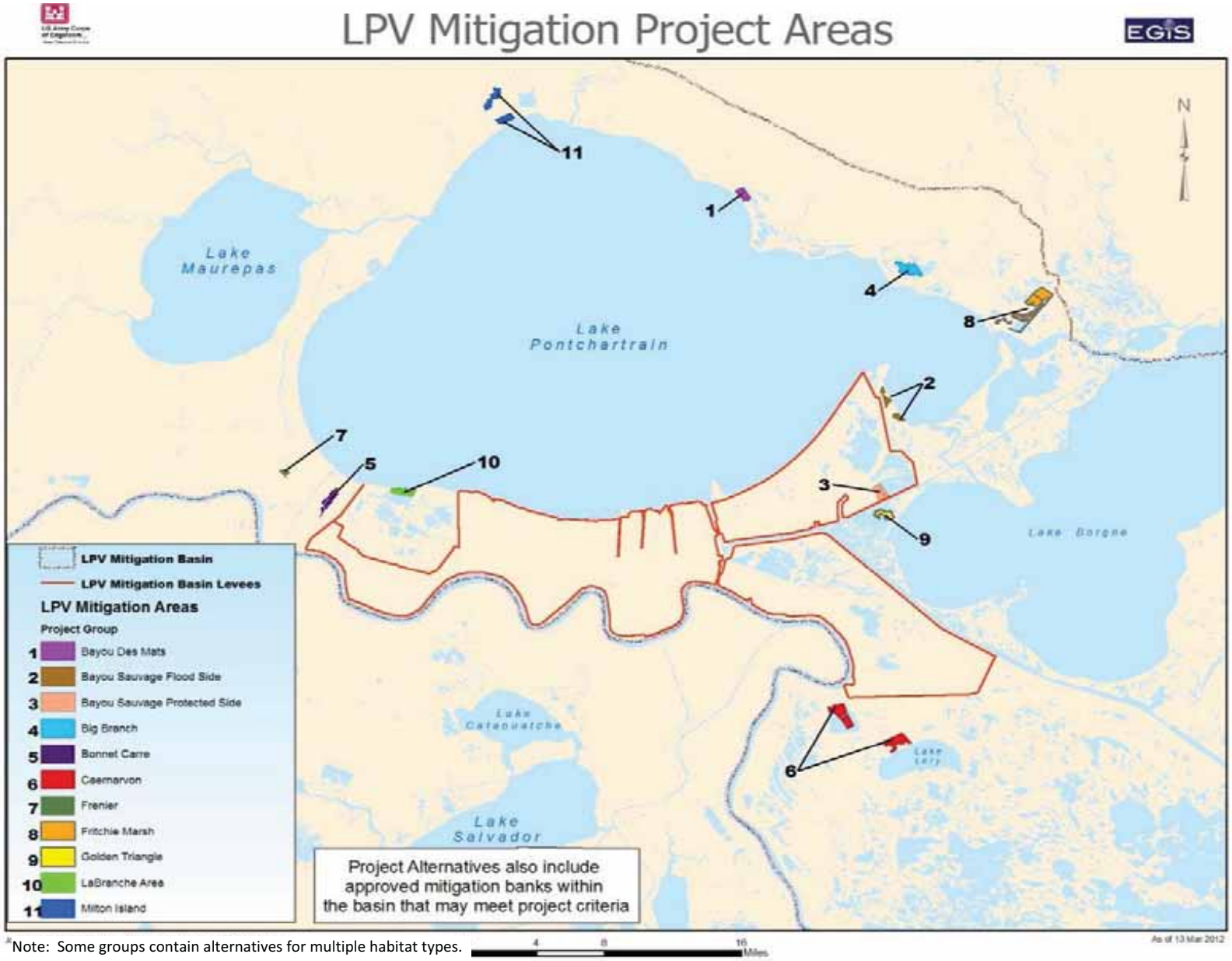


Figure 3: LPV HSDRRS Mitigation Projects Initially Considered (Mitigation banks not shown)




[a]Note: Some groups contain alternatives for multiple habitat types.

Figure 4: LPV HSDRRS Mitigation Initial Screening Results (Final Array)

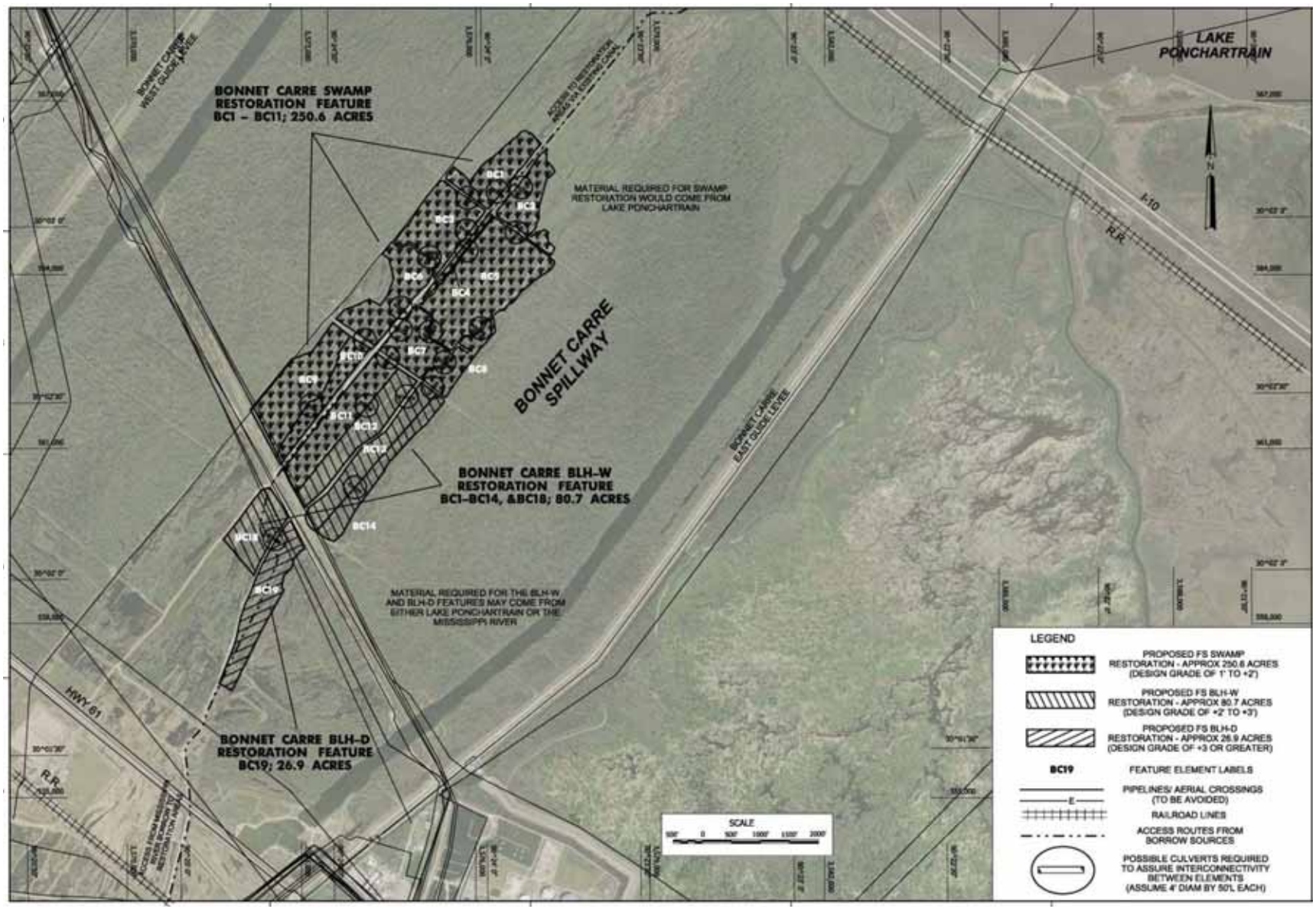



Figure 5: Bonnet Carre BLH-Dry/Wet and Swamp Projects

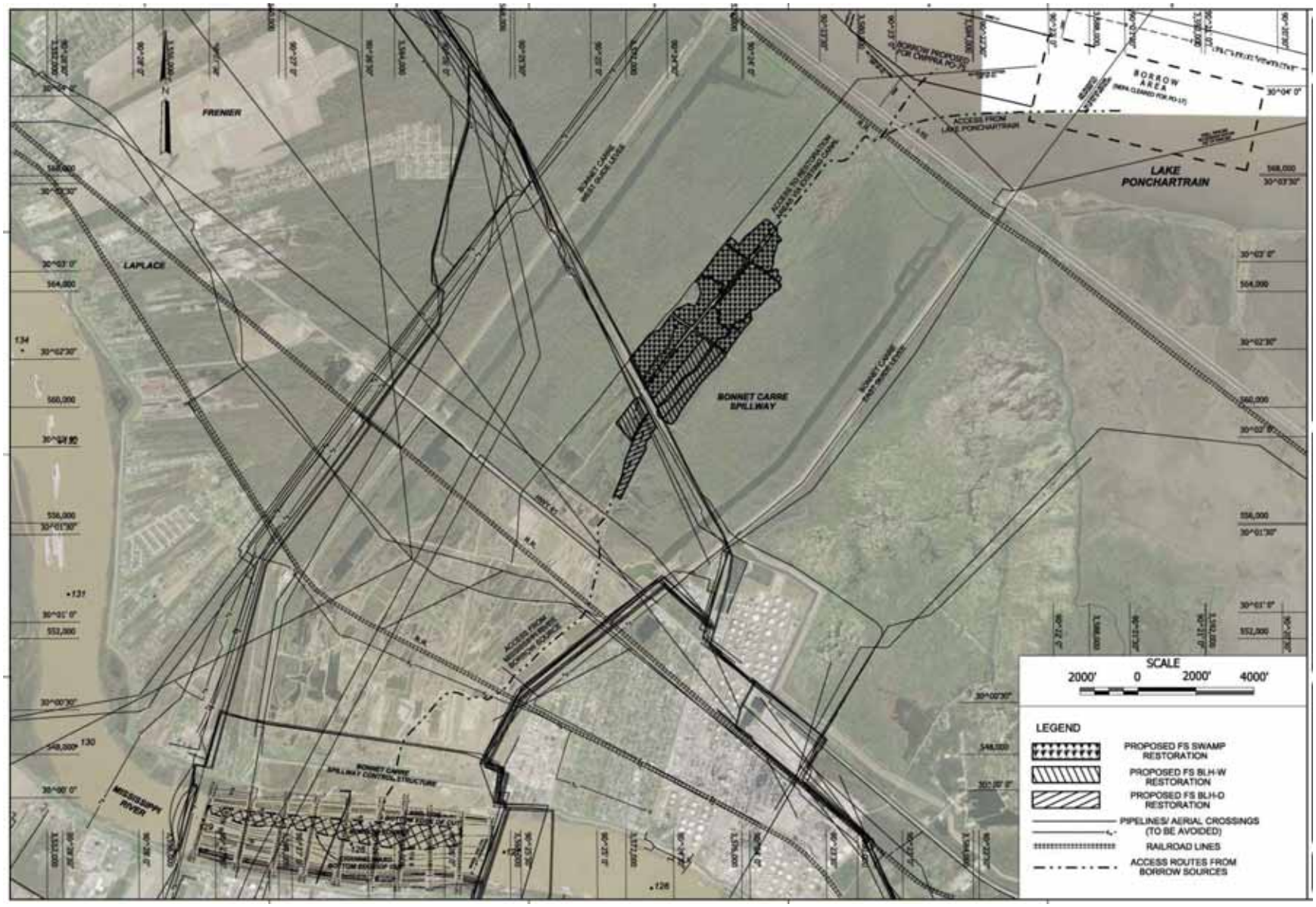



Figure 6: Bonnet Carre Potential Borrow Sources

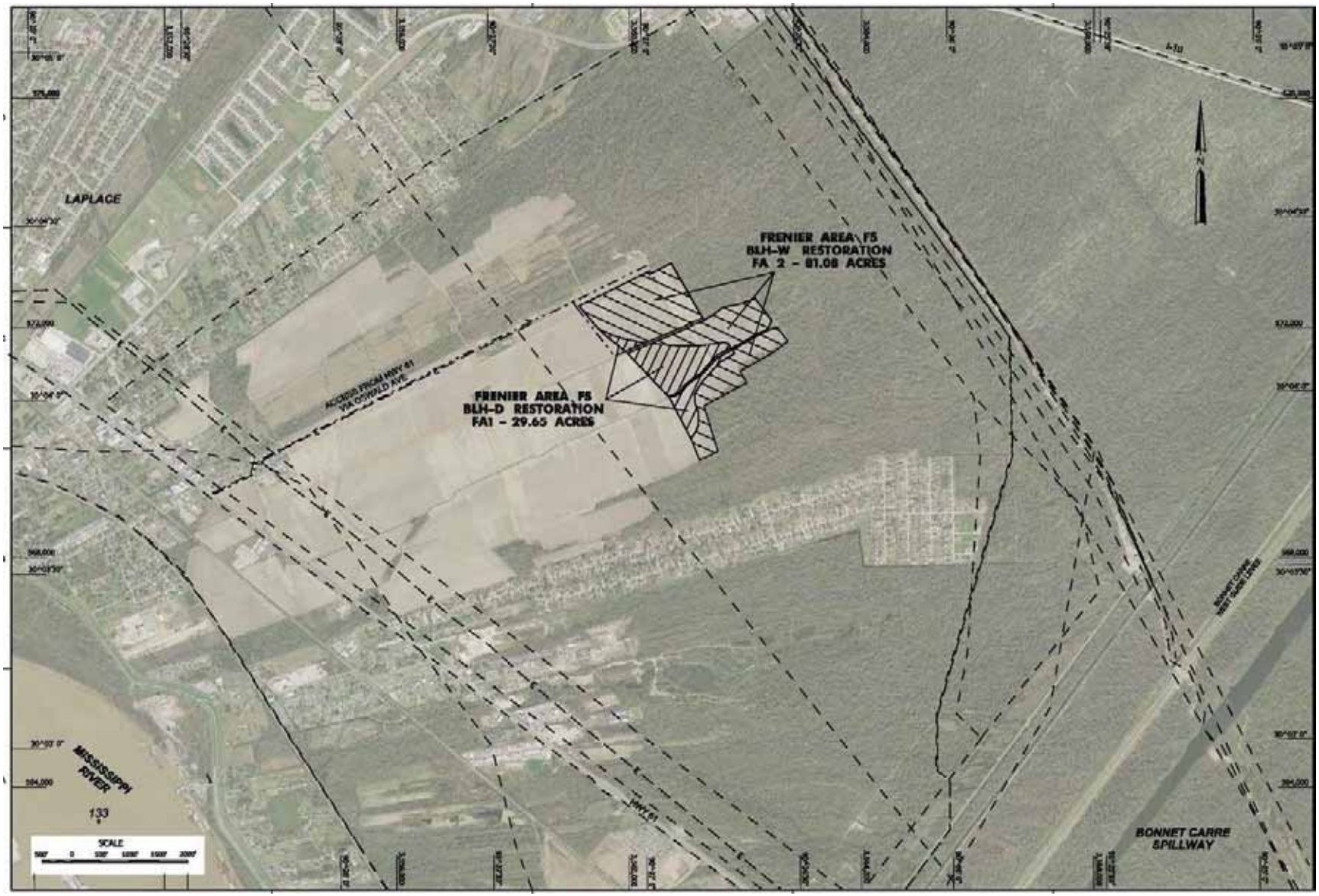



Figure 7: Frenier BLH-Dry and BLH-Wet Projects

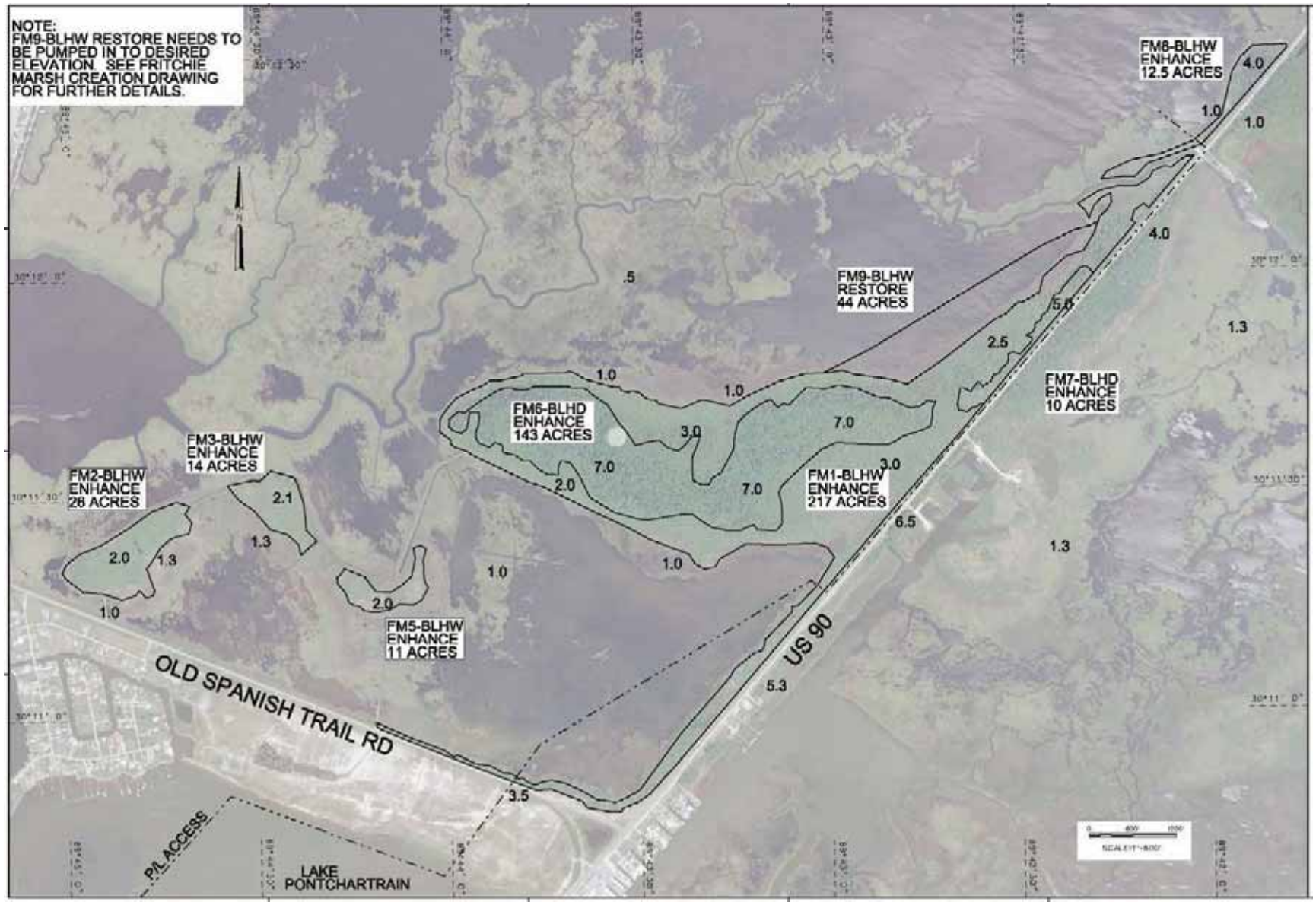



Figure 8: Fritchie BLH-Dry and BLH-Wet Enhancement and BLH-Wet Restoration

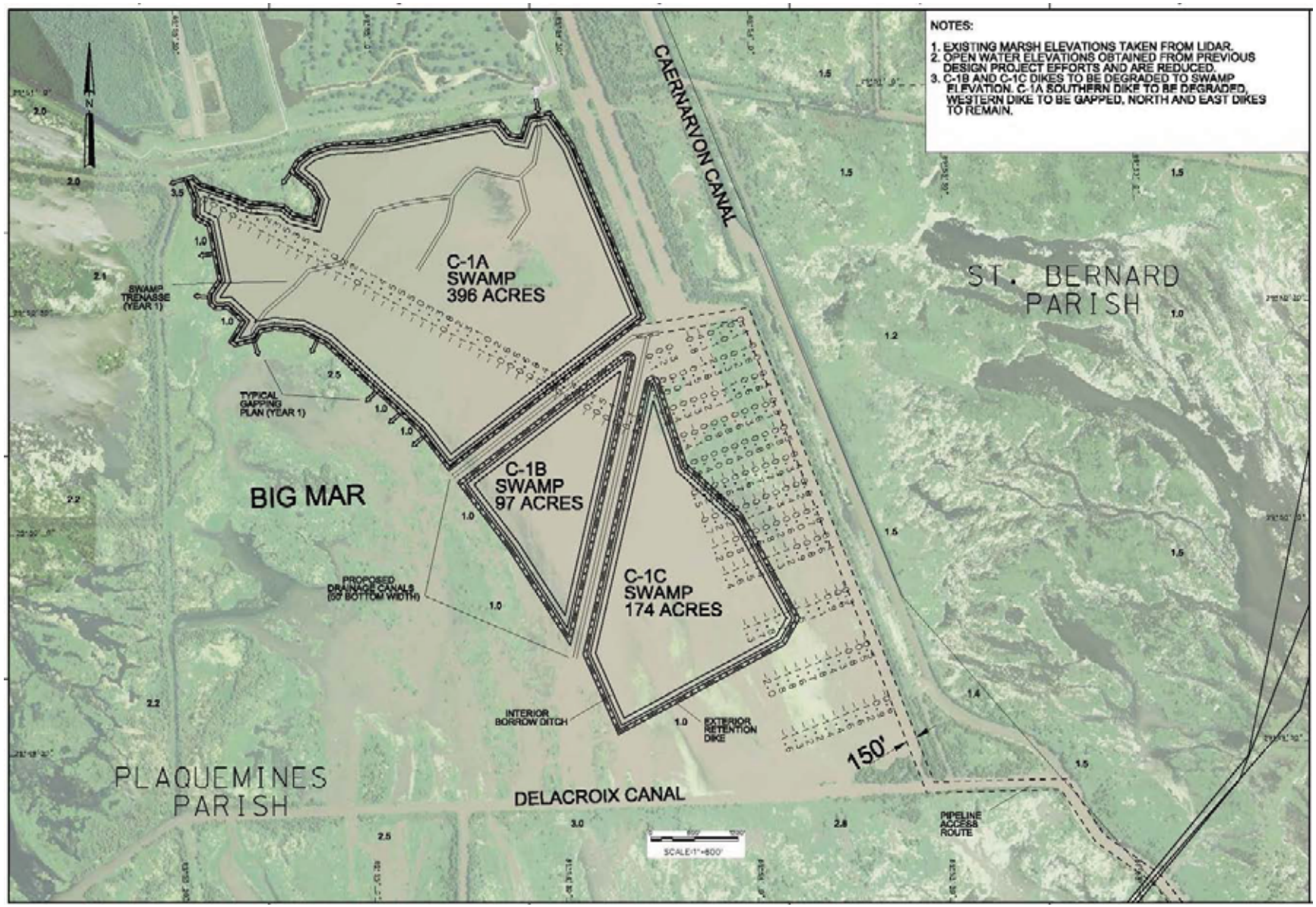



Figure 9: Caernarvon Swamp Restoration

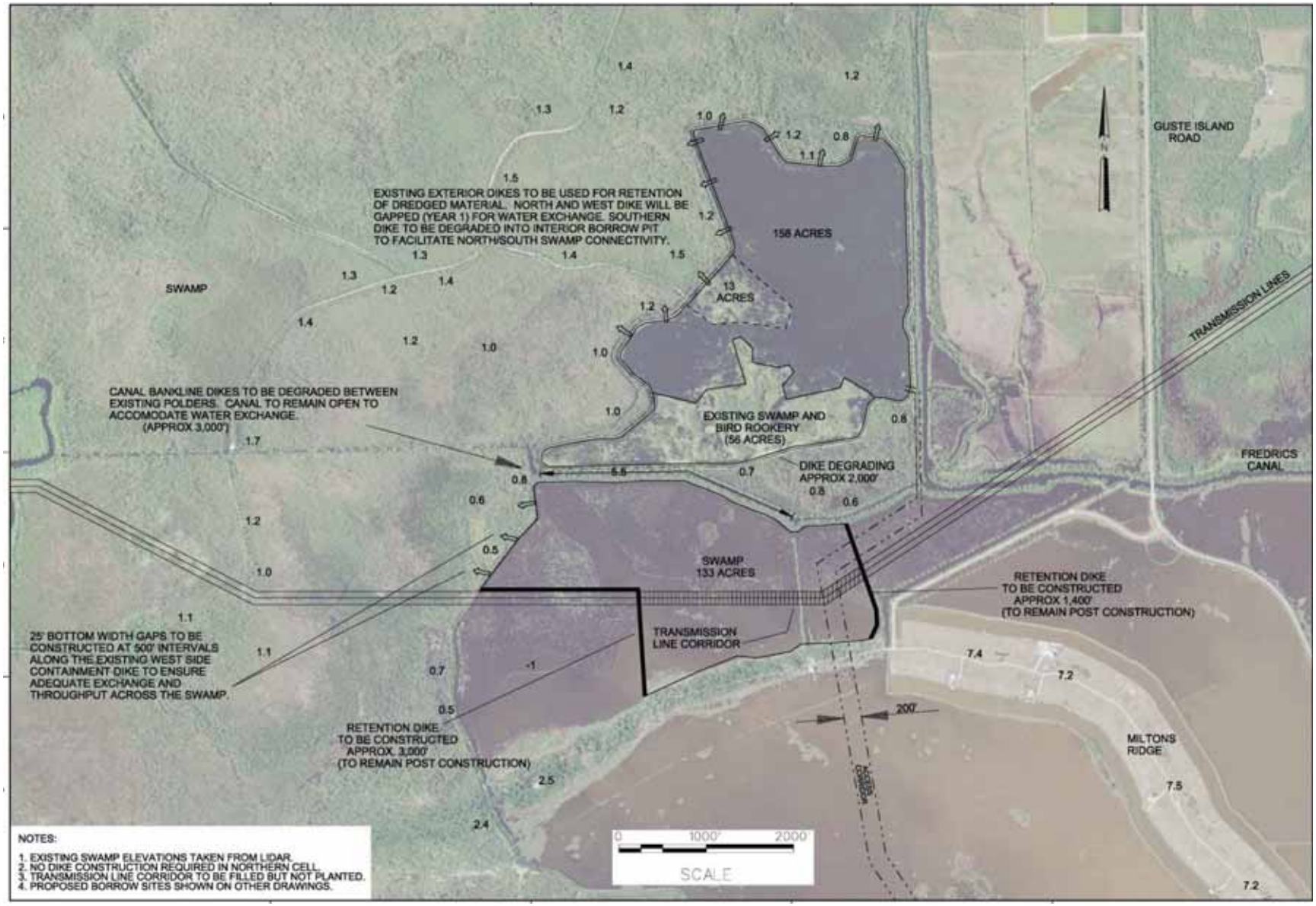



Figure 10: Milton Island Swamp Restoration

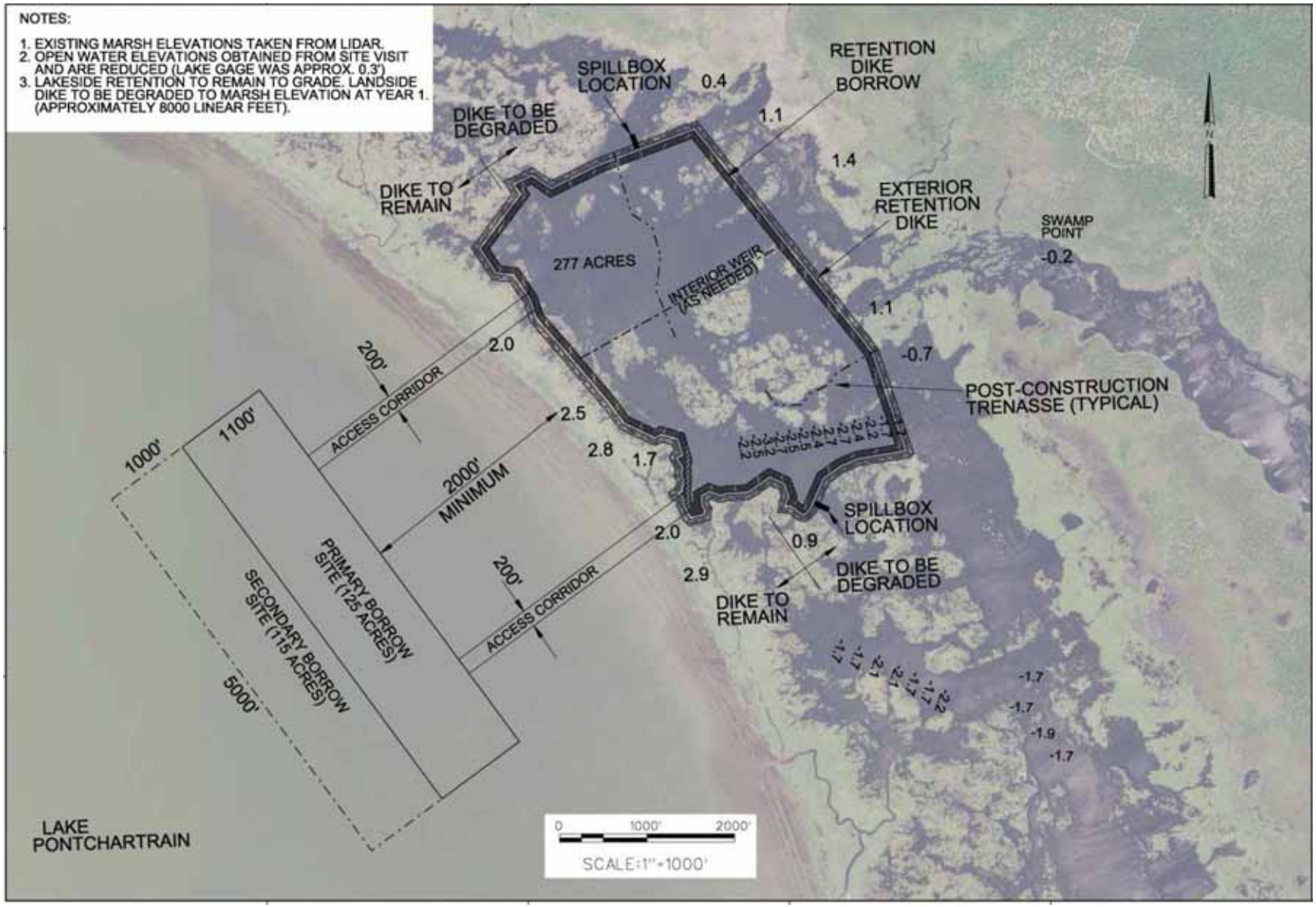



Figure 11: Bayou Des Mats Intermediate Marsh Restoration

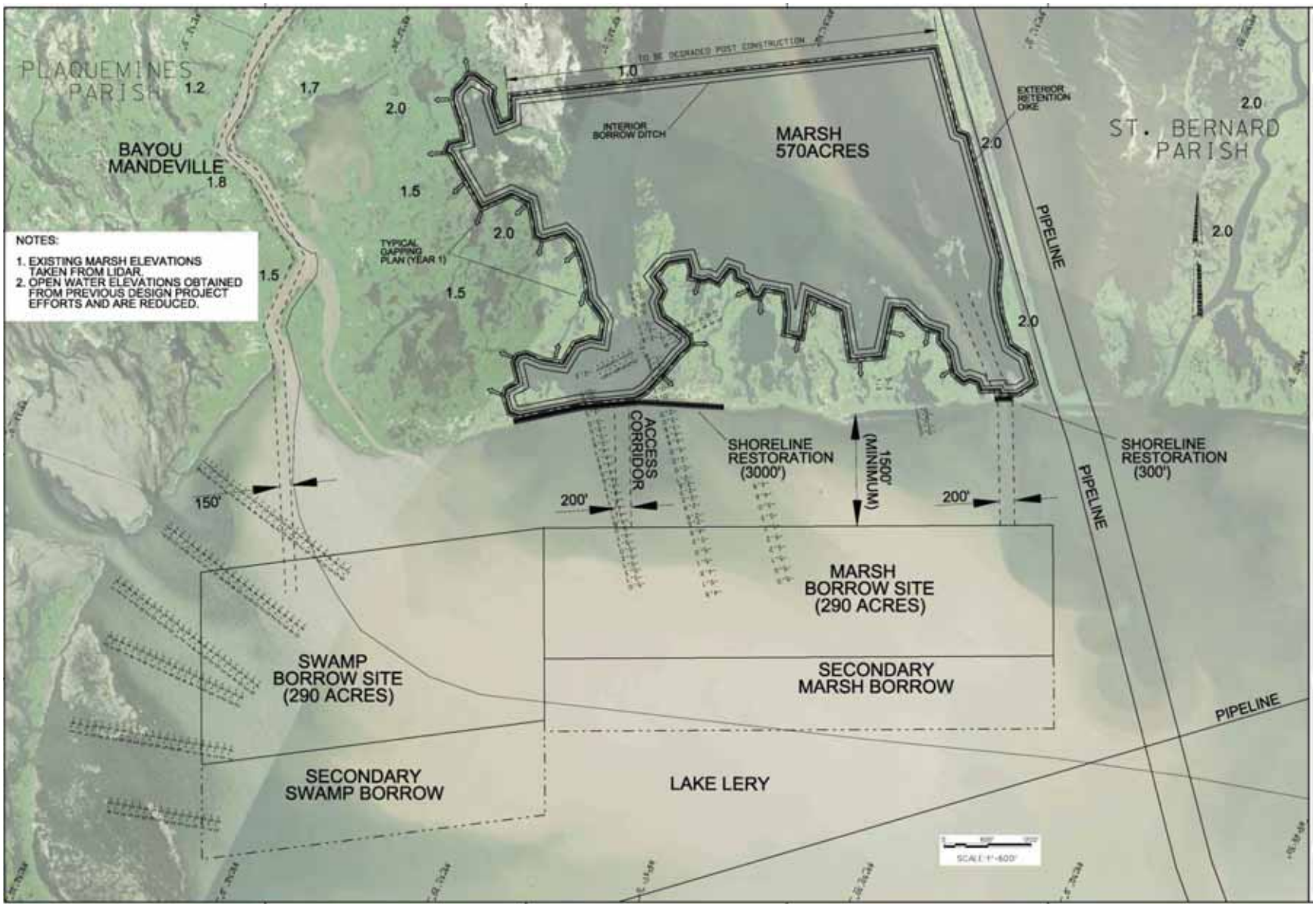


Figure 12: Caernarvon Intermediate Marsh Restoration

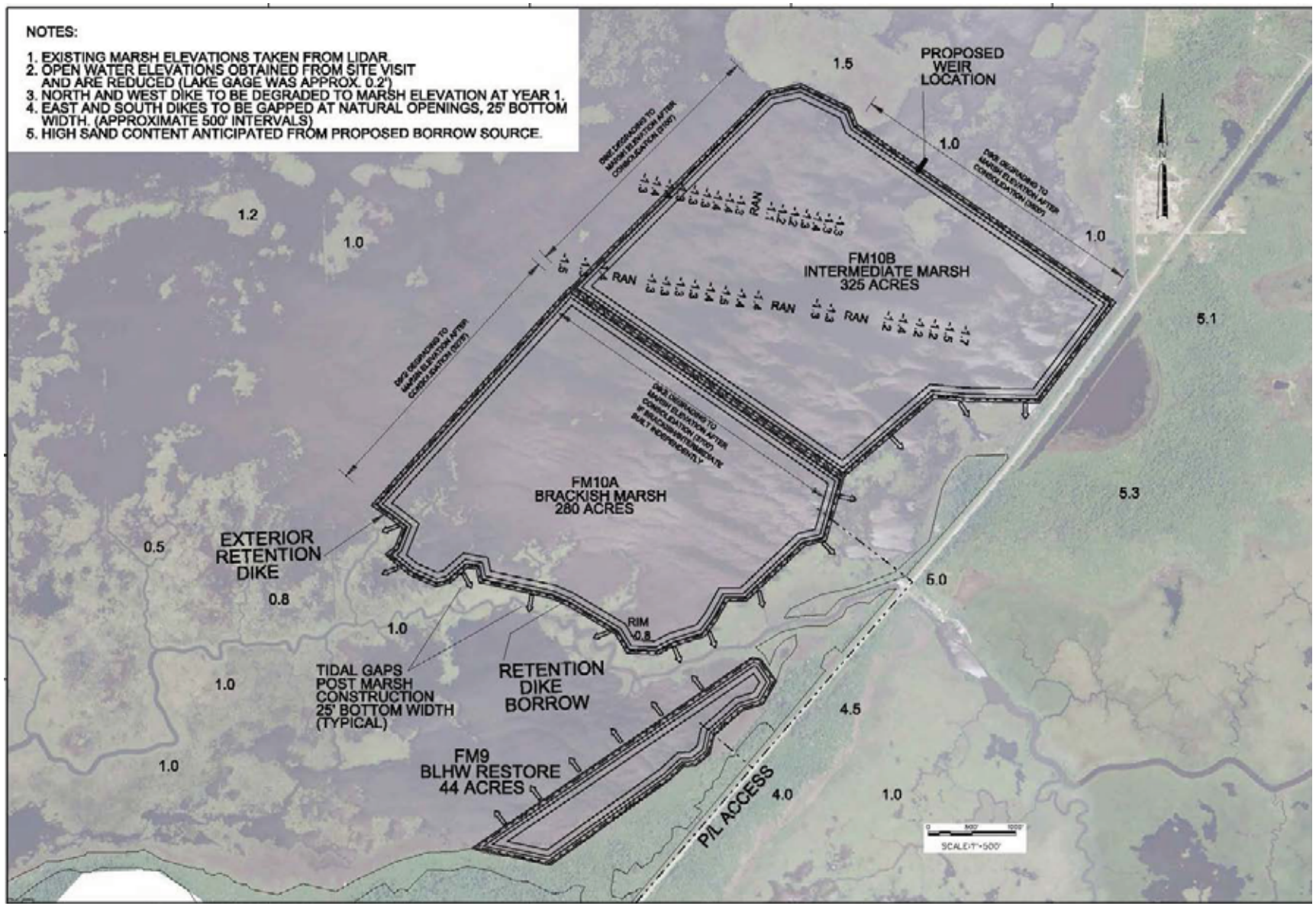


Figure 13: Fritchie BLH-Wet Restoration and Intermediate and Brackish Marsh Restoration Projects

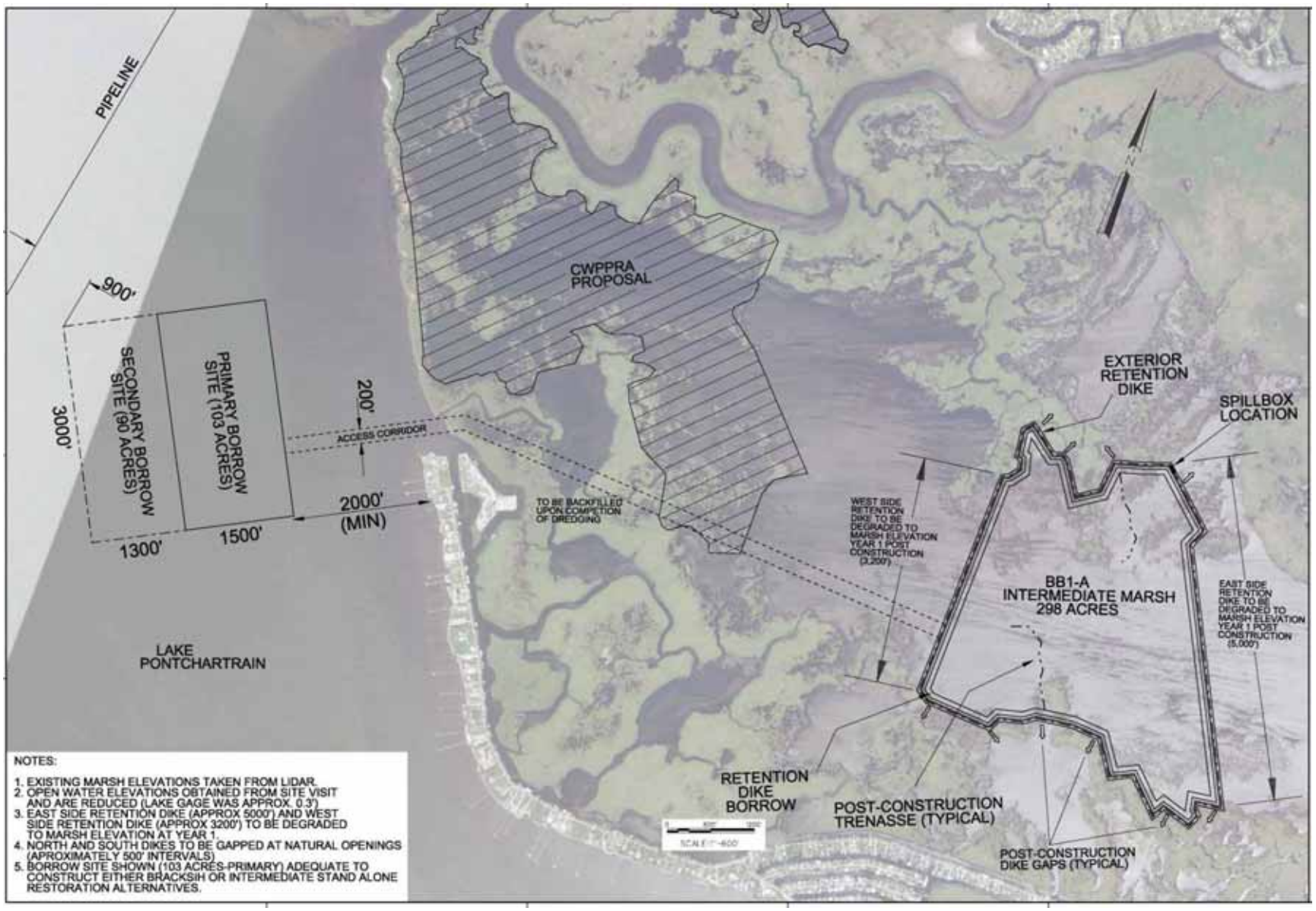



Figure 14: Big Branch Intermediate Marsh Restoration

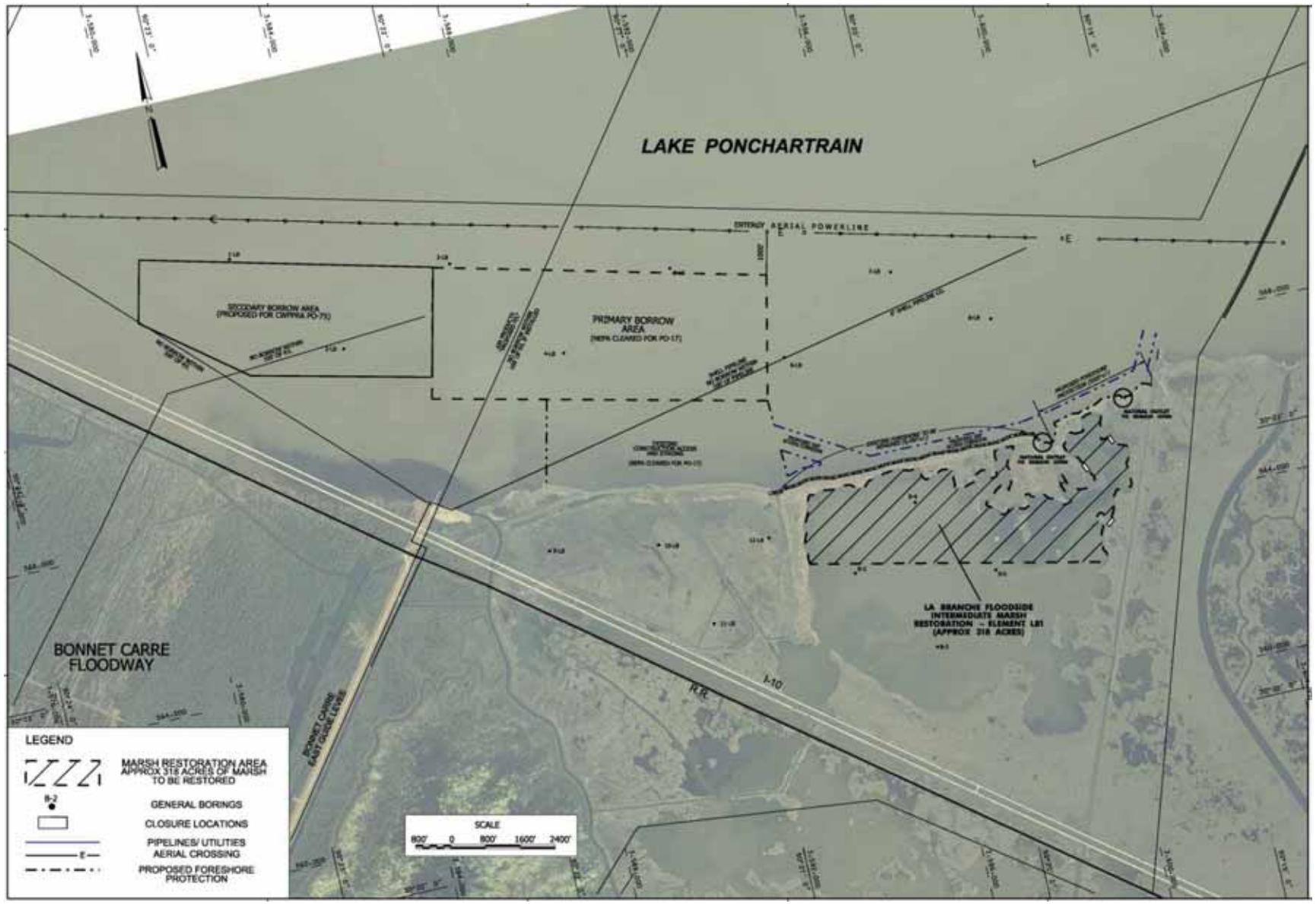



Figure 15: LaBranche Intermediate Marsh Restoration

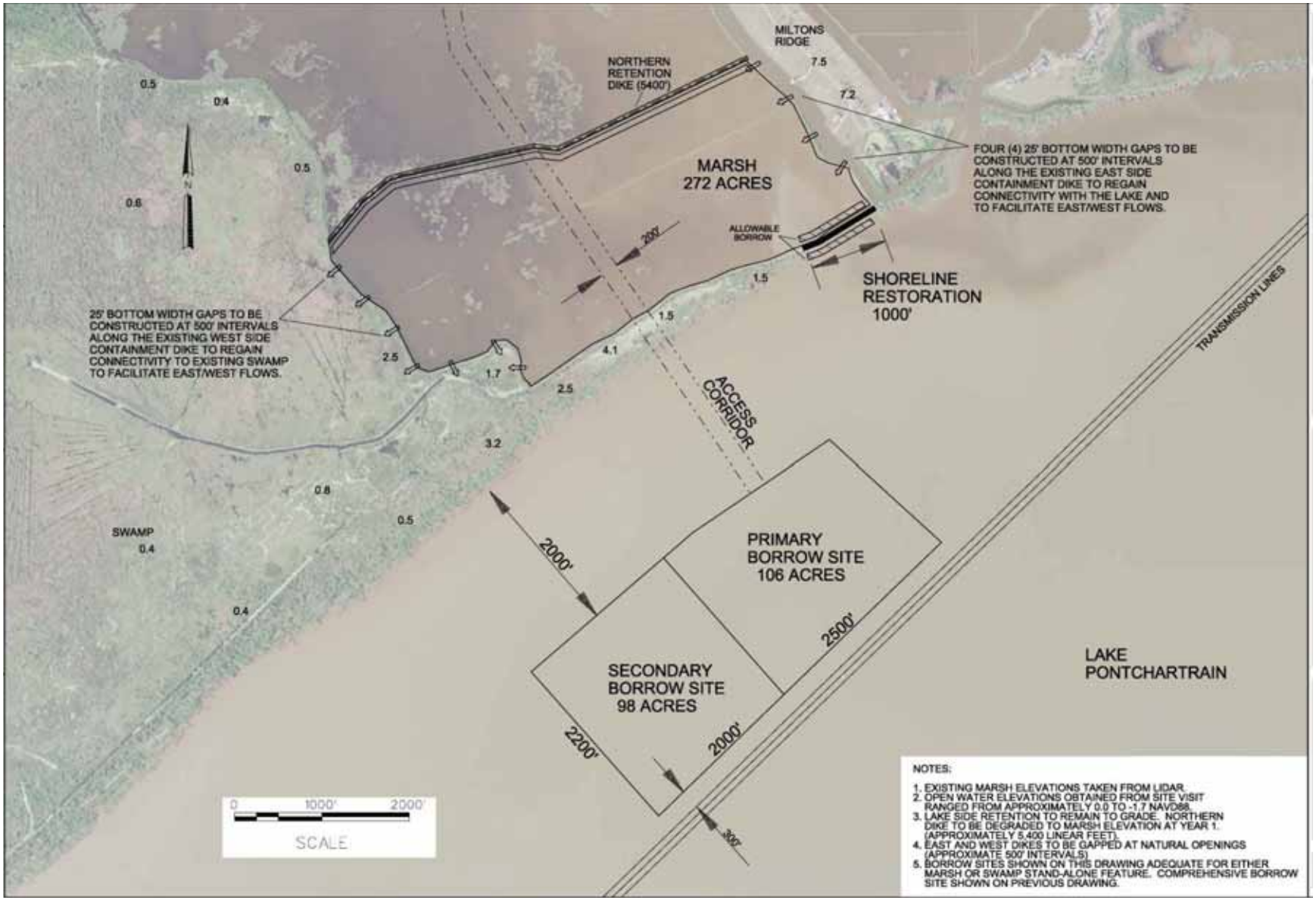



Figure 16: Milton Island Intermediate Marsh Restoration

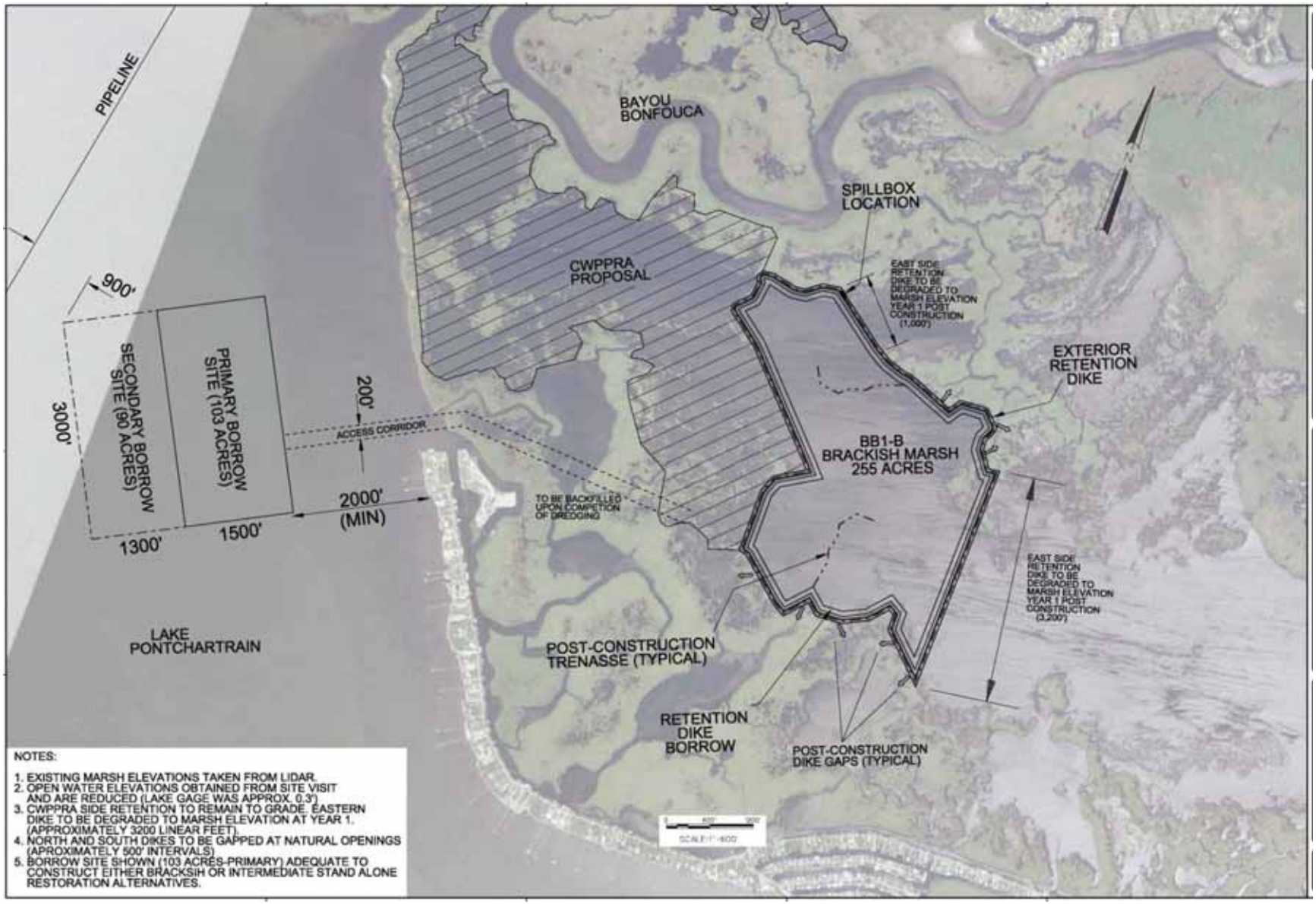



Figure 17: Big Branch Brackish Marsh Restoration

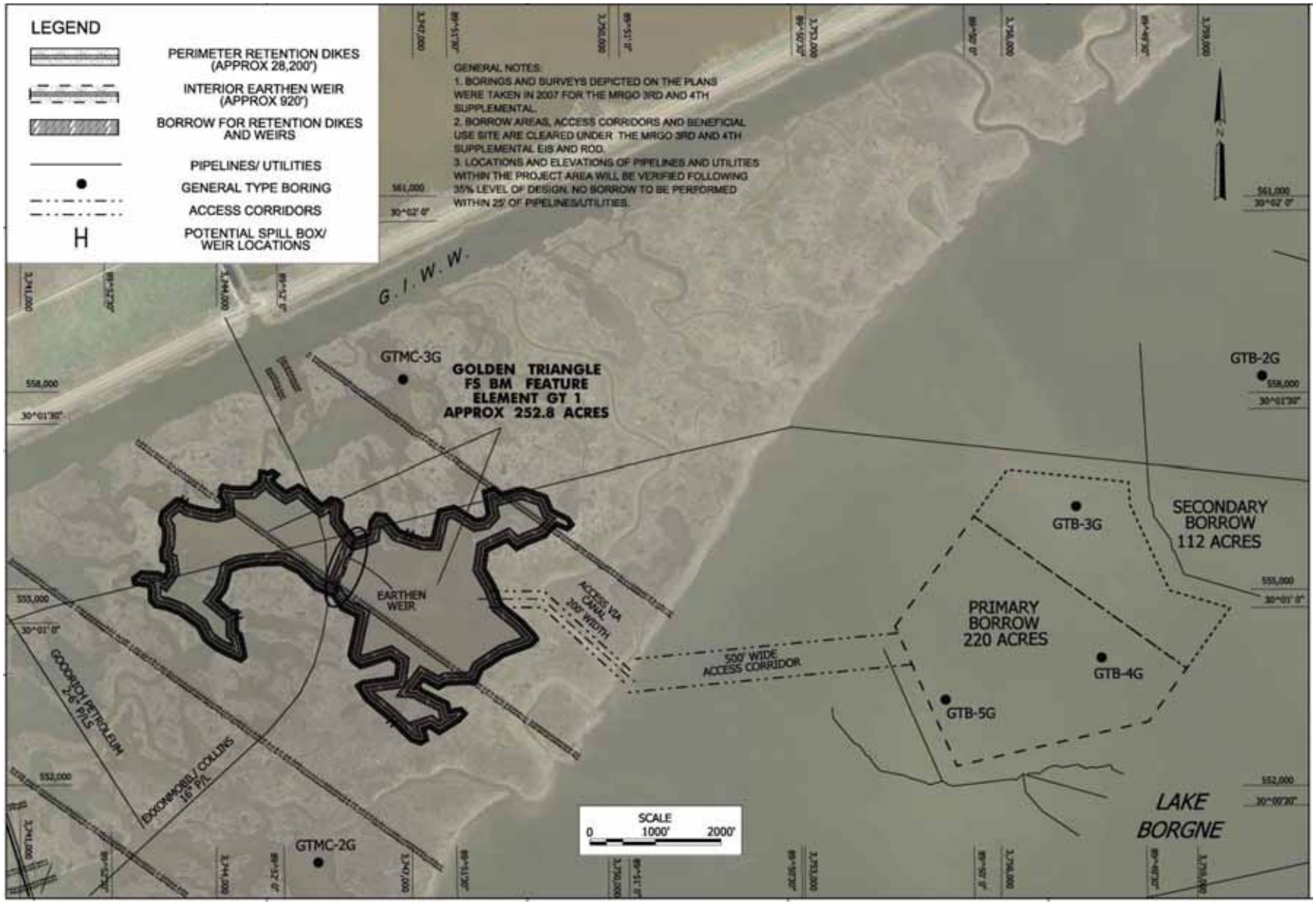



Figure 18: Golden Triangle Brackish Marsh Restoration

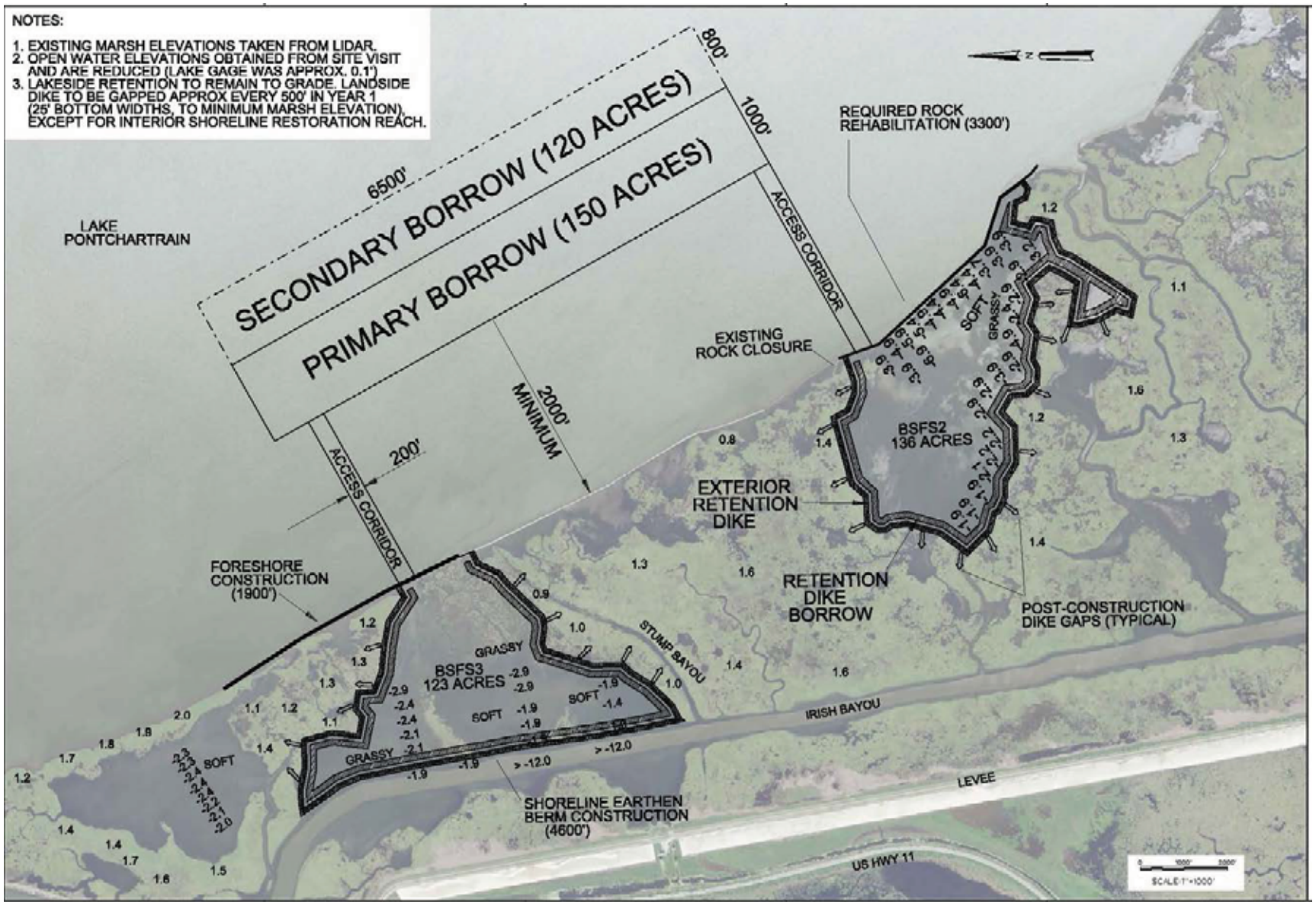



Figure 19: Bayou Sauvage Flood Side Brackish Marsh Restoration

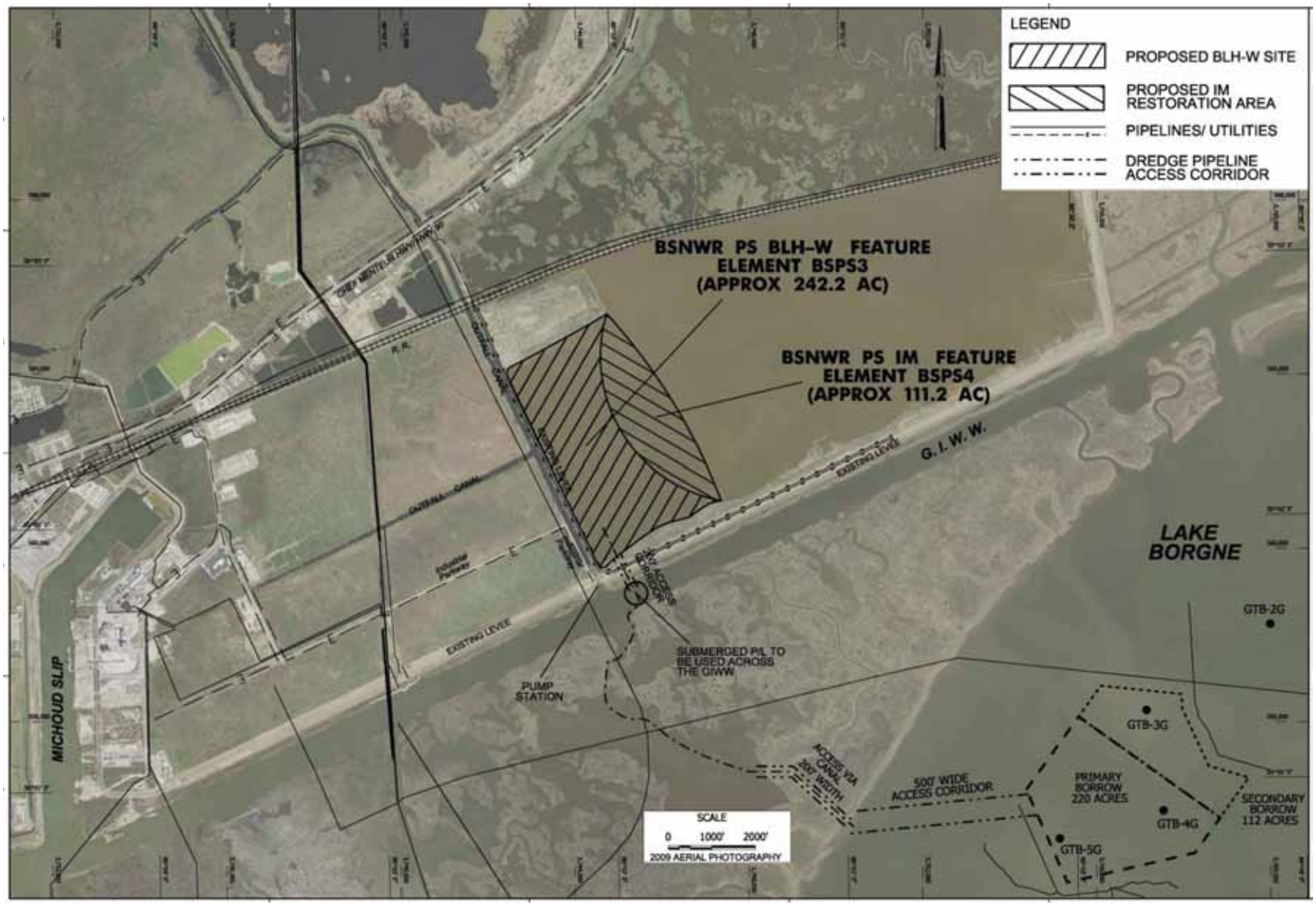


Figure 20: Bayou Sauvage Protected Side BLH-Wet and Intermediate Marsh Restoration Projects

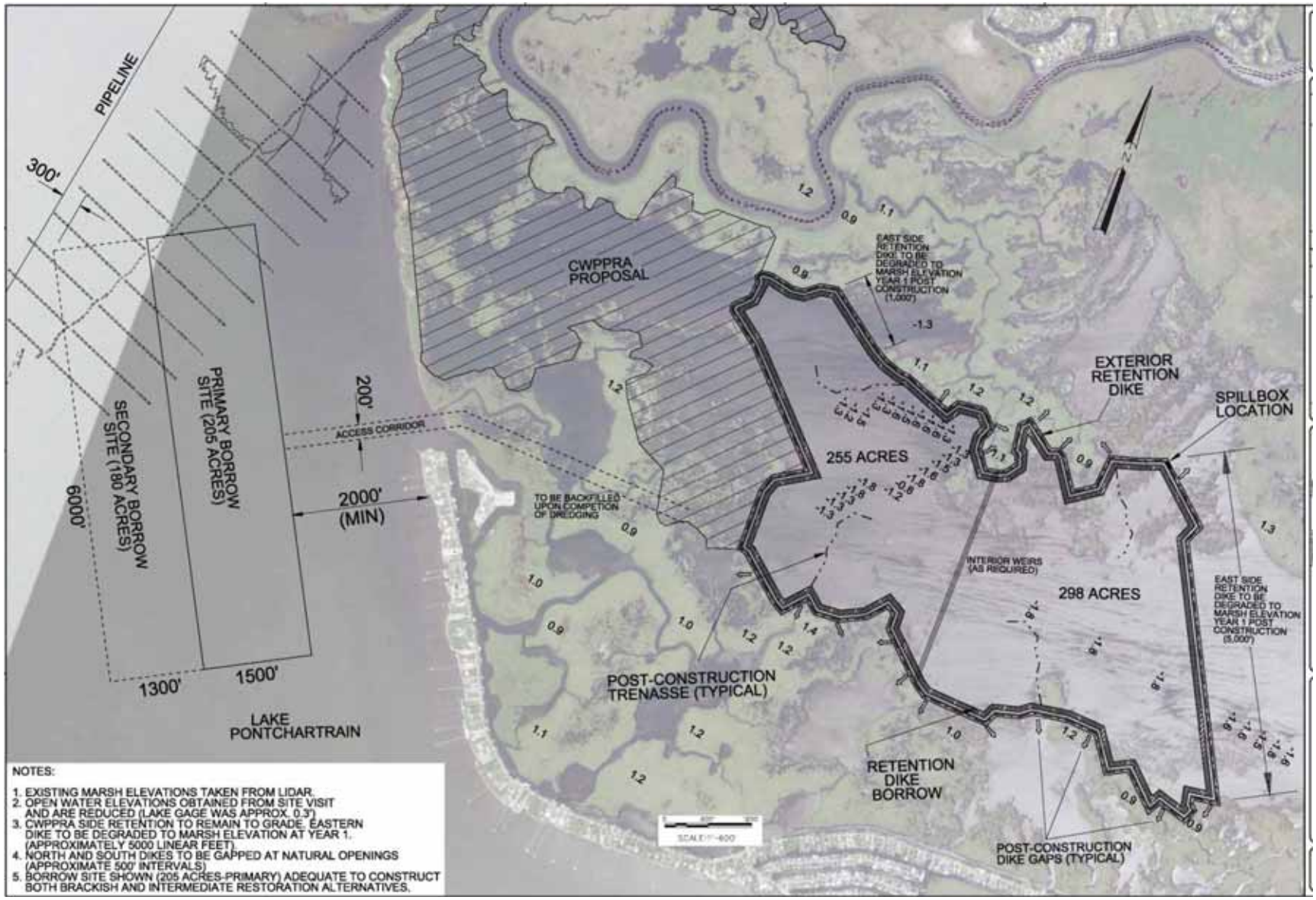



Figure 21: Big Branch Intermediate and Brackish Marsh Restoration Projects

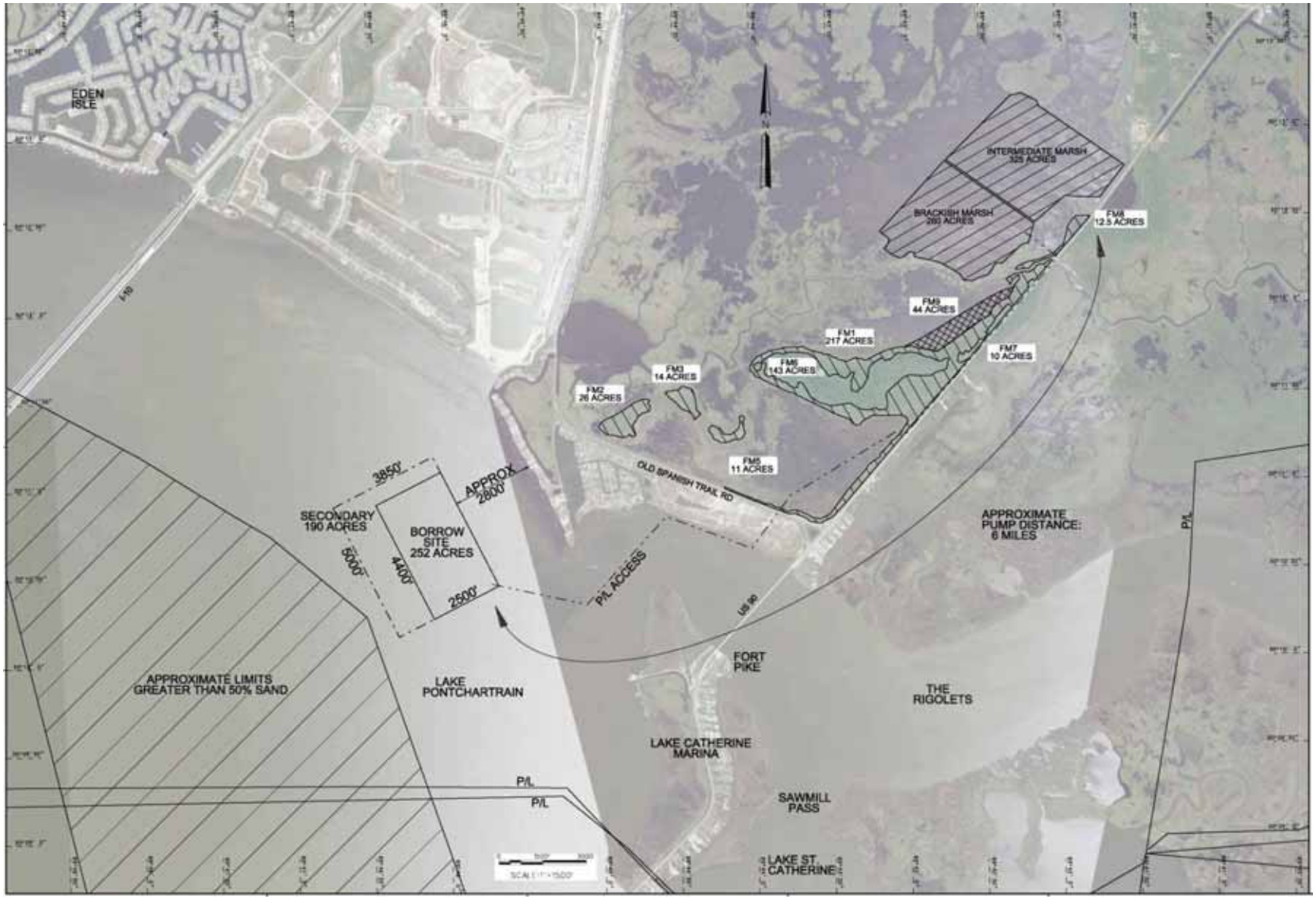


Figure 22: Fritchie Enhancement and Restoration

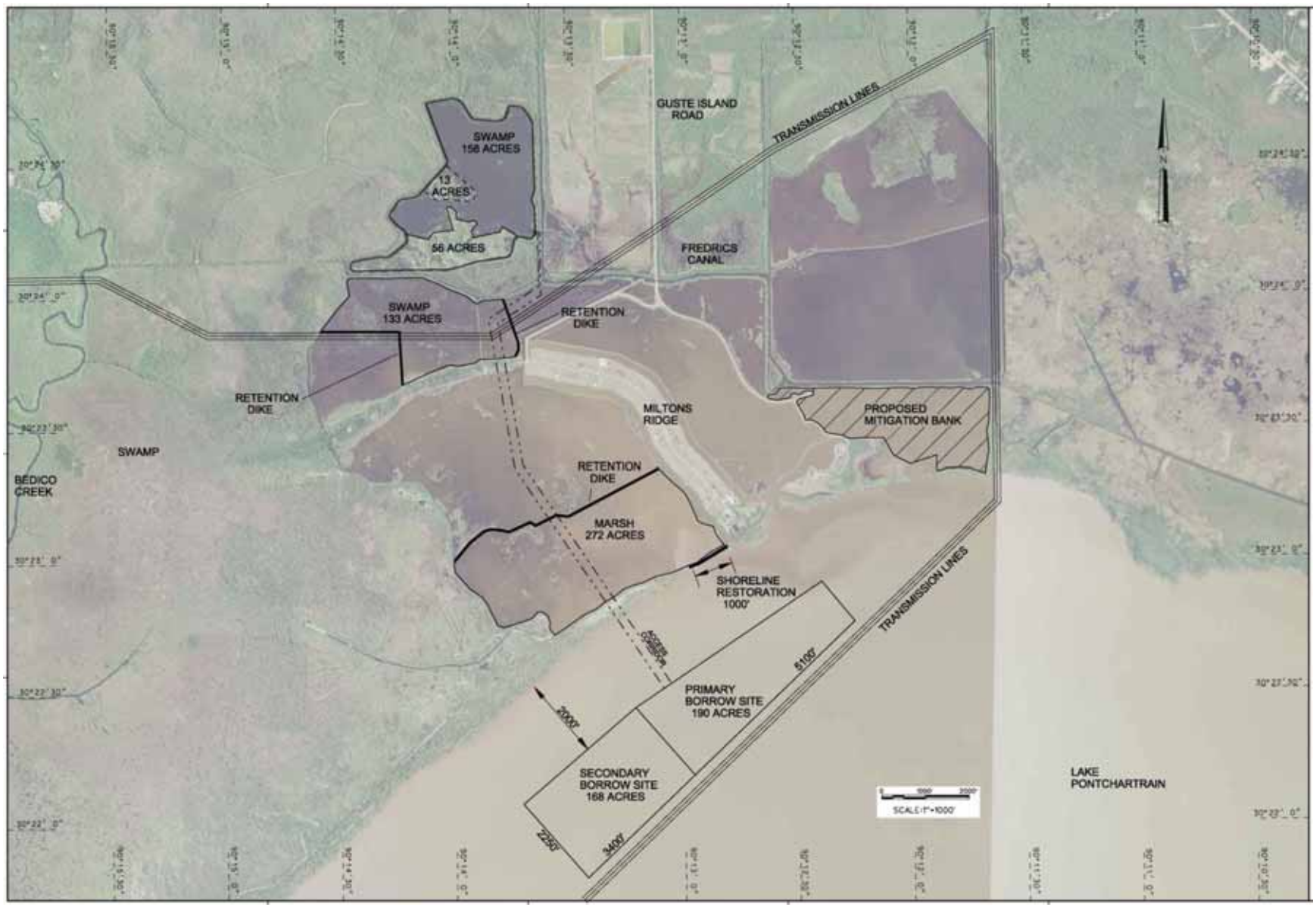



Figure 23: Milton Restoration Projects

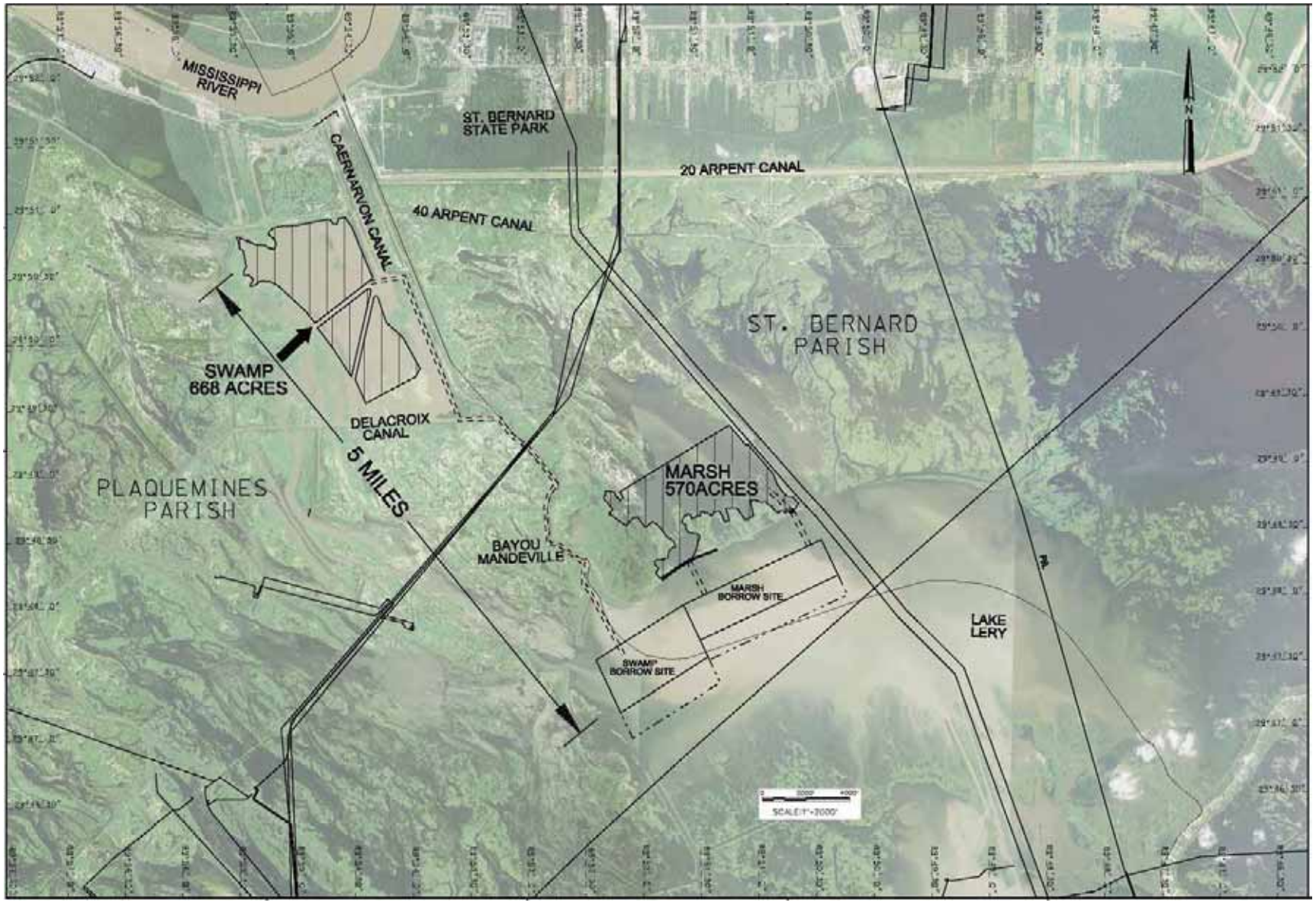



Figure 24: Caernarvon Restoration Projects

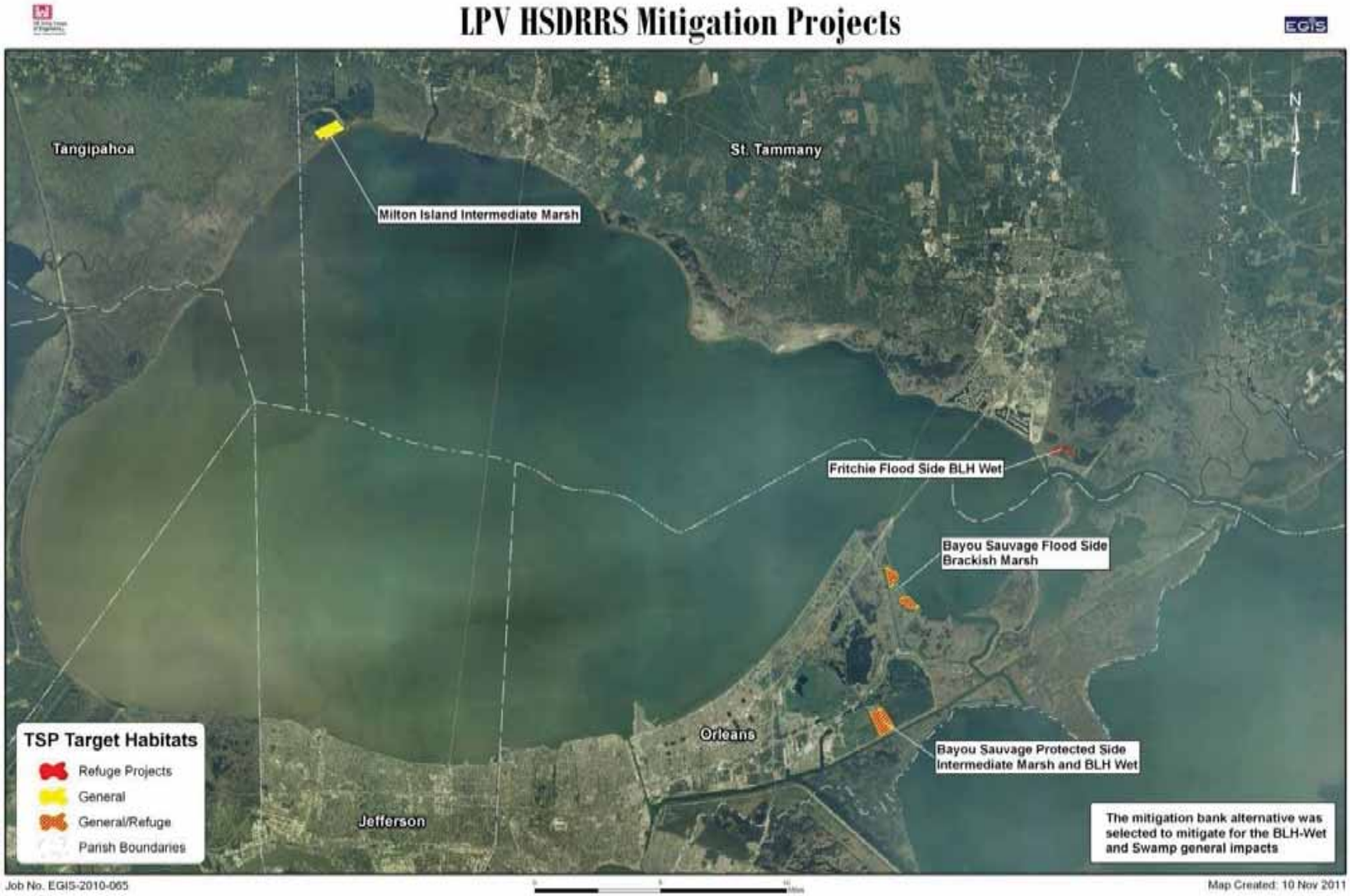



Figure 25: LPV HSDRRS Mitigation TSMP Projects

Figure 26: Milton Intermediate Marsh Restoration

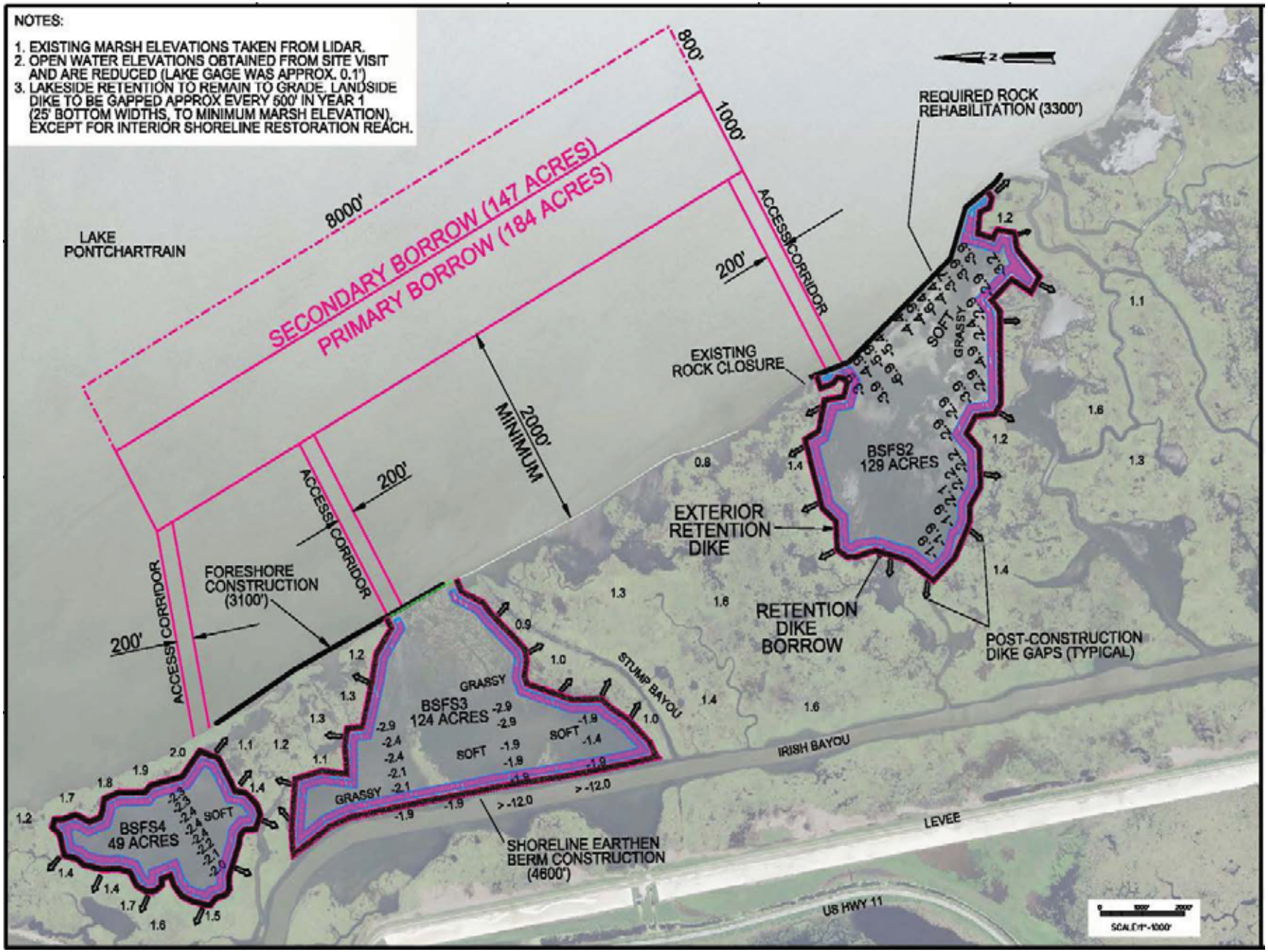



Figure 27: Bayou Sauvage Flood Side Brackish Marsh Restoration

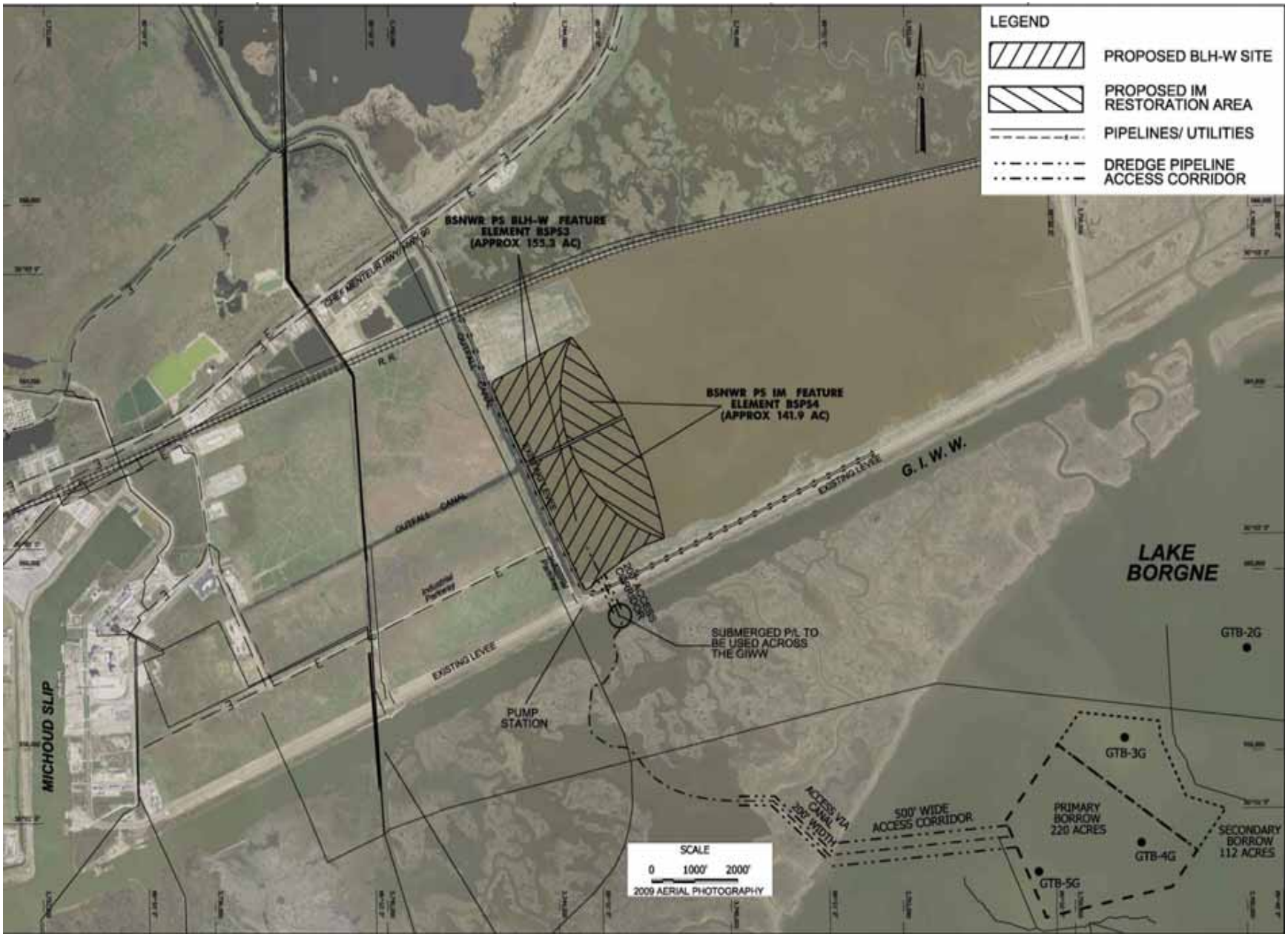



Figure 28: Bayou Sauvage Protected Side BLH-Wet and Intermediate Marsh Restoration

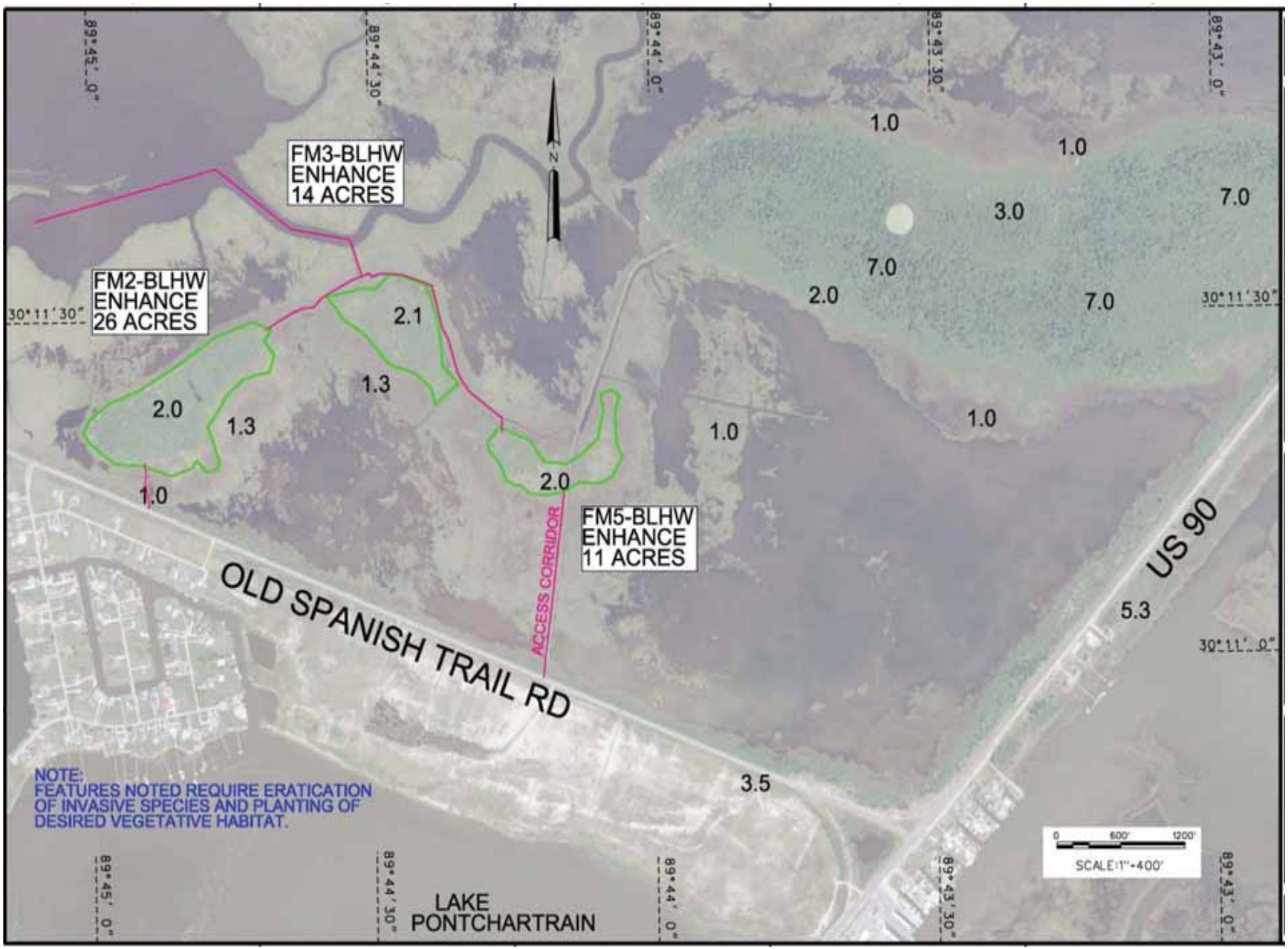


Figure 29: Fritchie BLH-Wet Enhancement

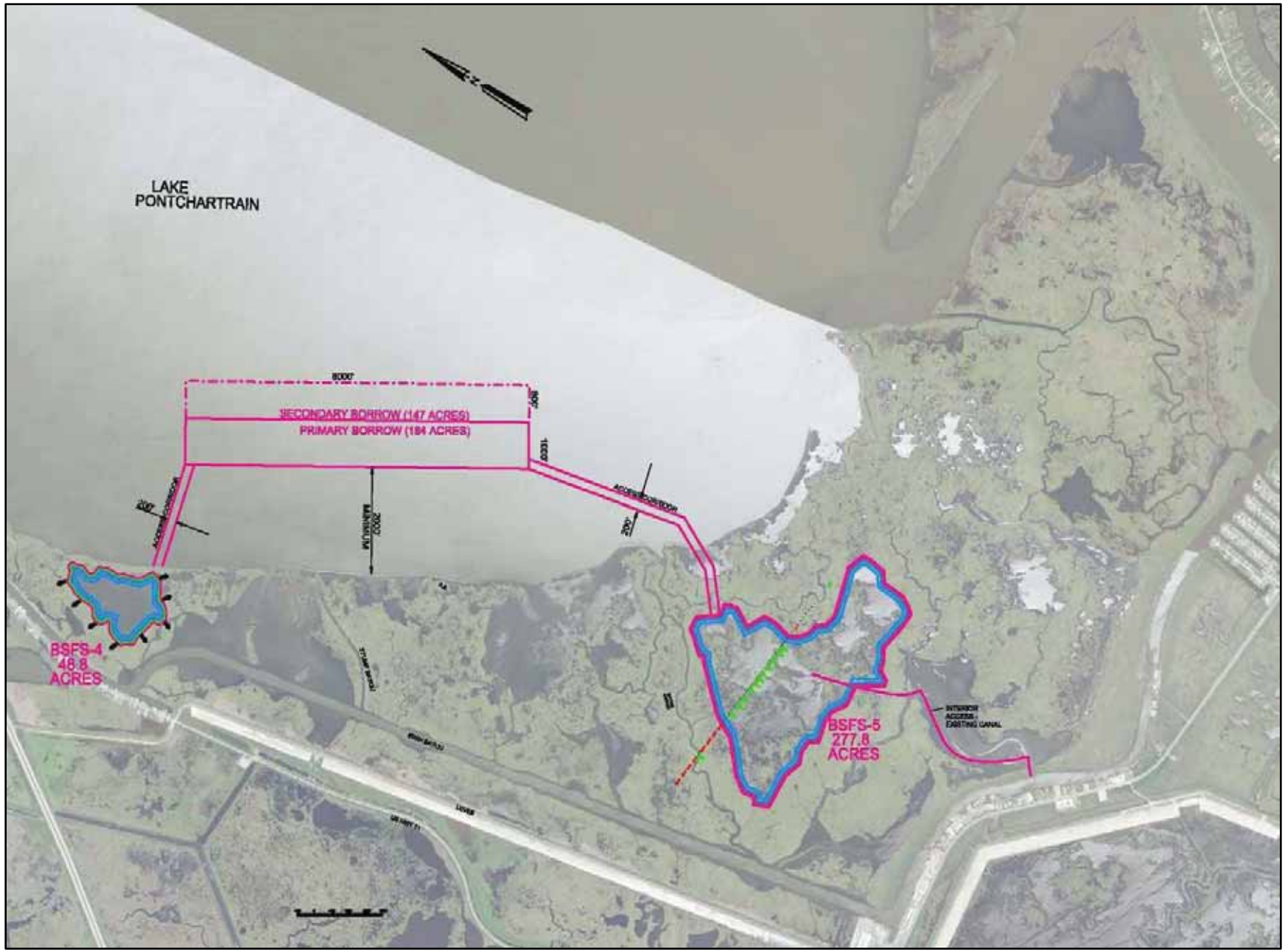



Figure 30: Bayou Sauvage Flood Side Brackish Marsh Restoration and Enhancement

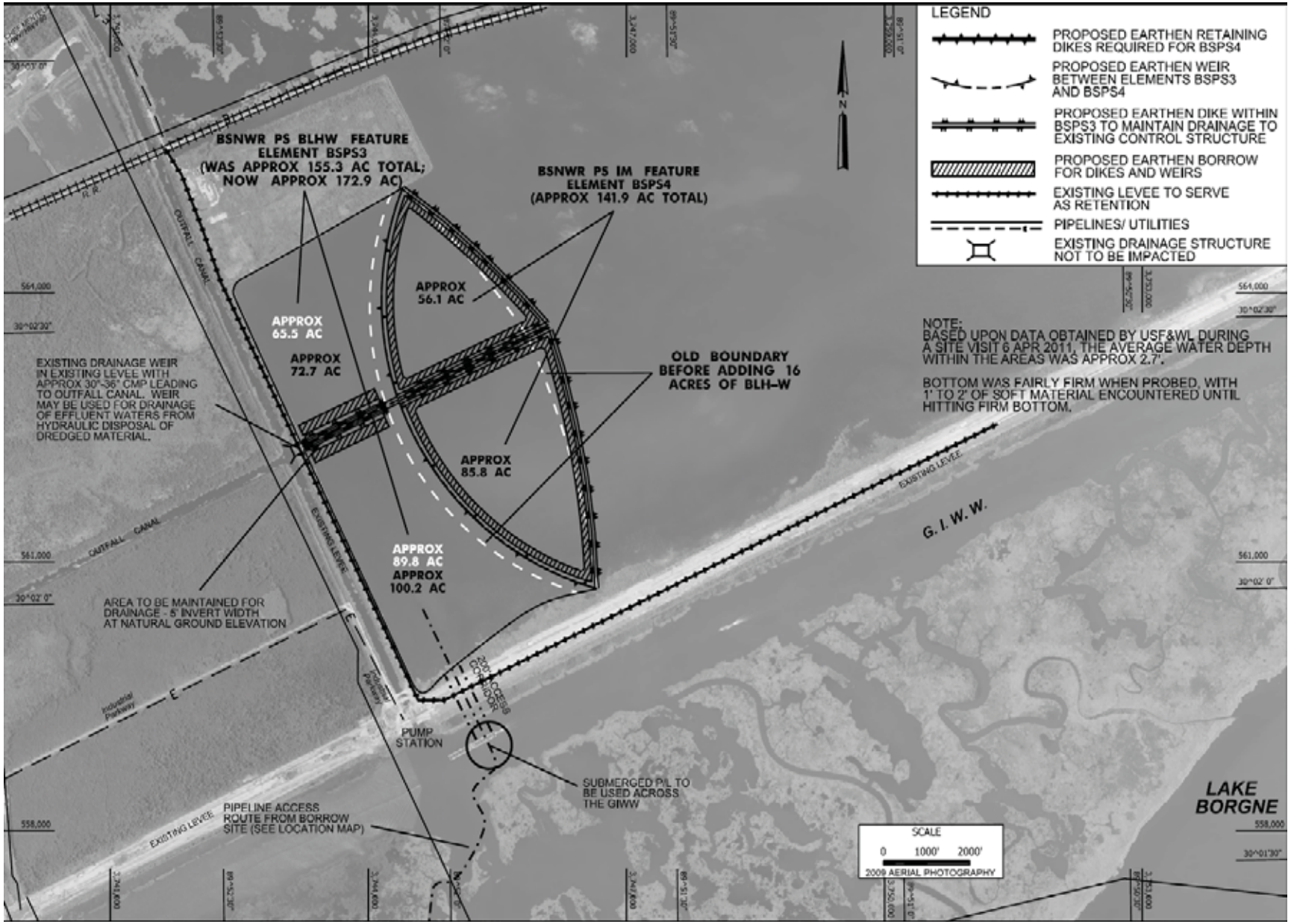



Figure 31: Possible Design Change to Bayou Sauvage Refuge PS BLH-W and Intermediate Marsh Project to Mitigate for Impacts to Refuge FS BLH

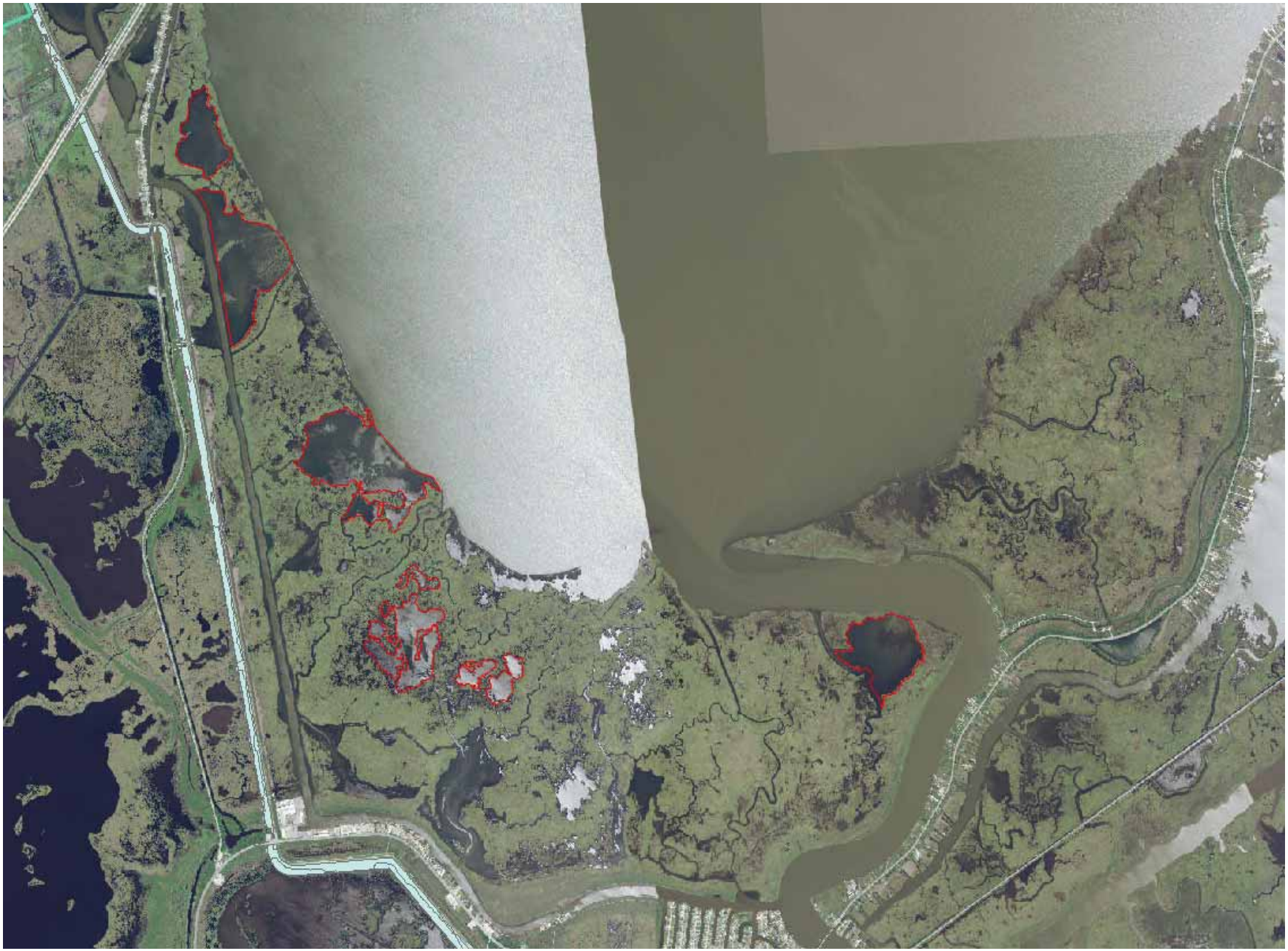


Figure 32: Potential Ponds Available for Bayou Sauvage FS Marsh Restoration and Enhancement Project Redesign

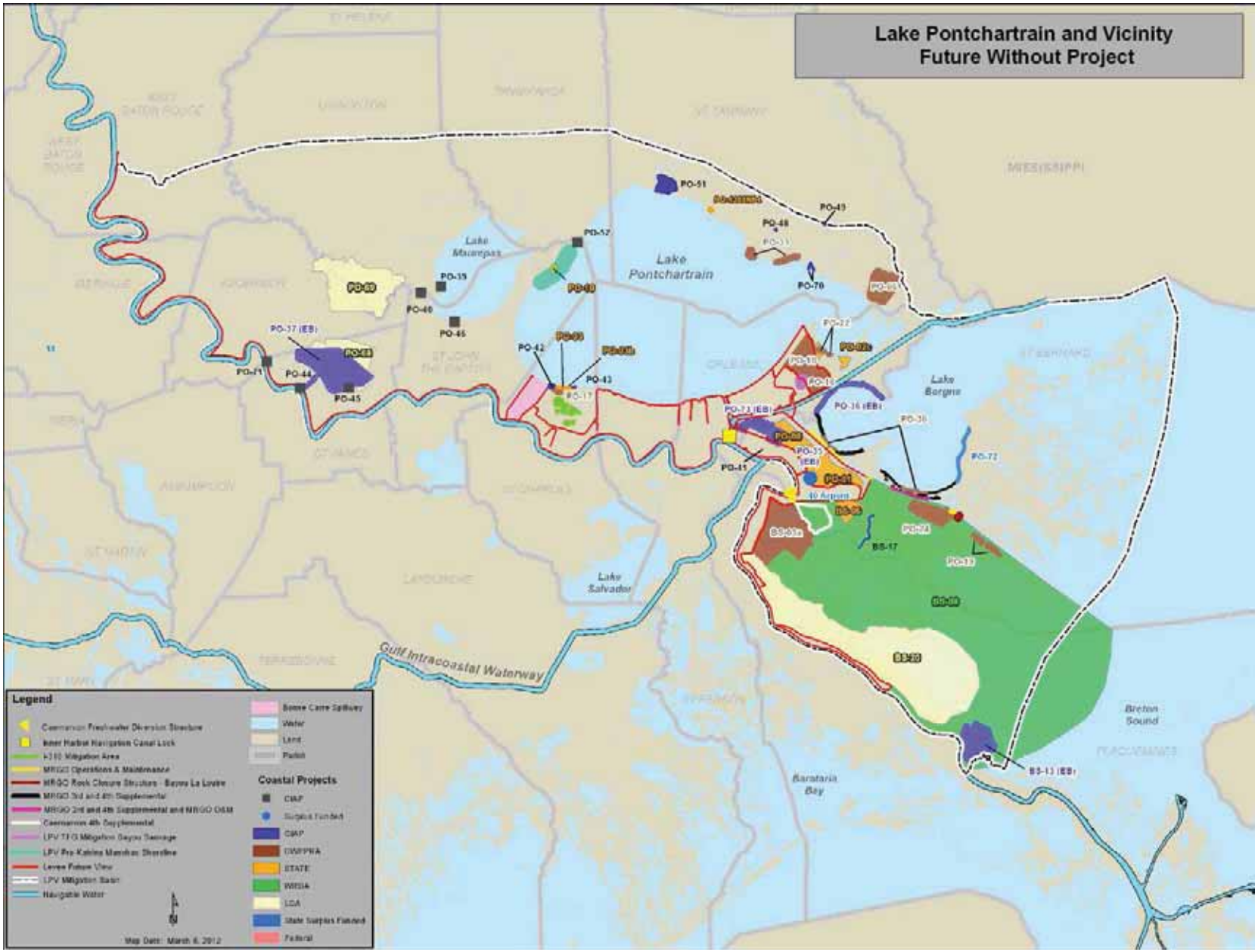



Figure 33: Projects Considered in the Future Without Project (FWOP) Condition or No Action Alternative

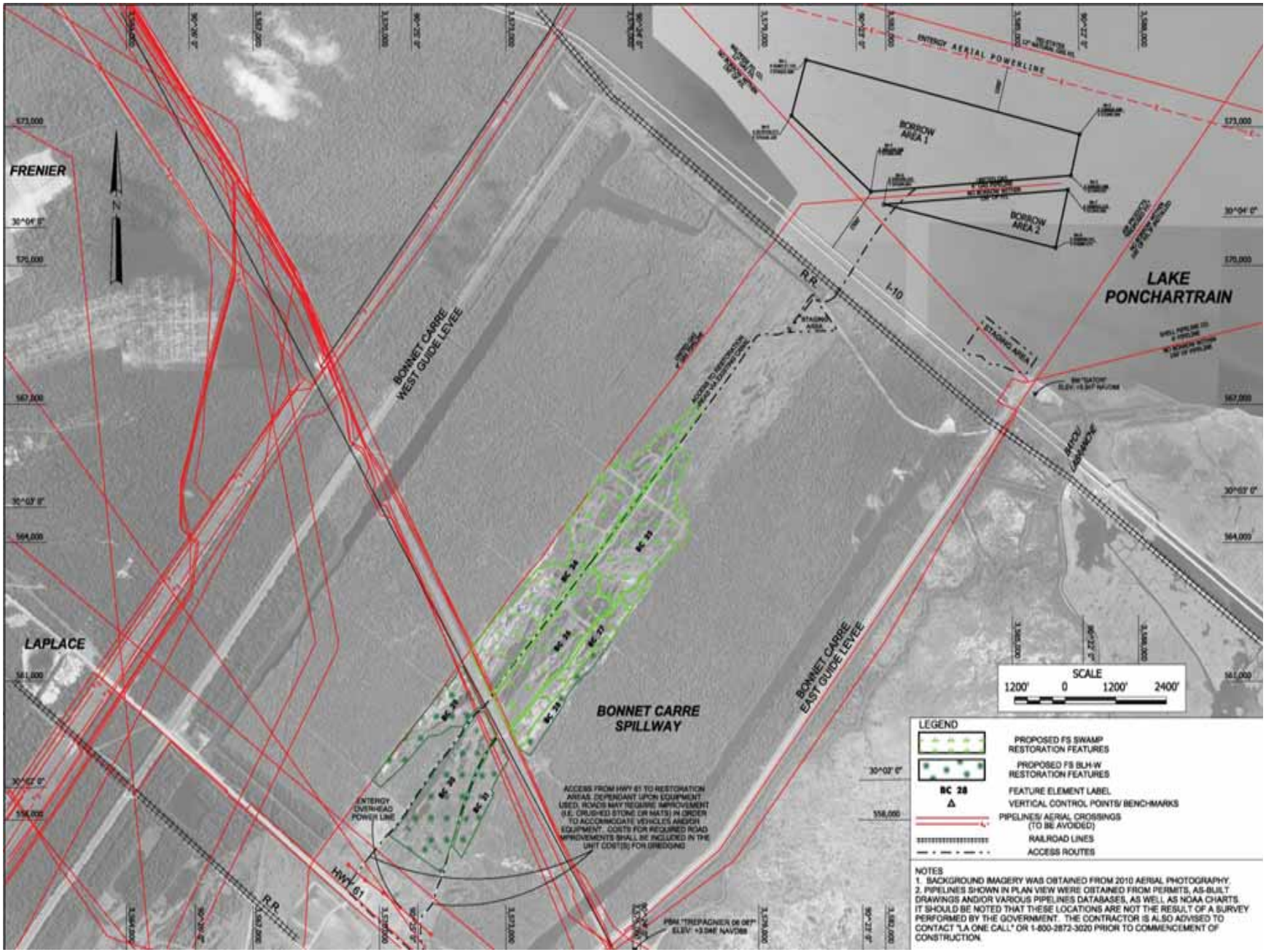
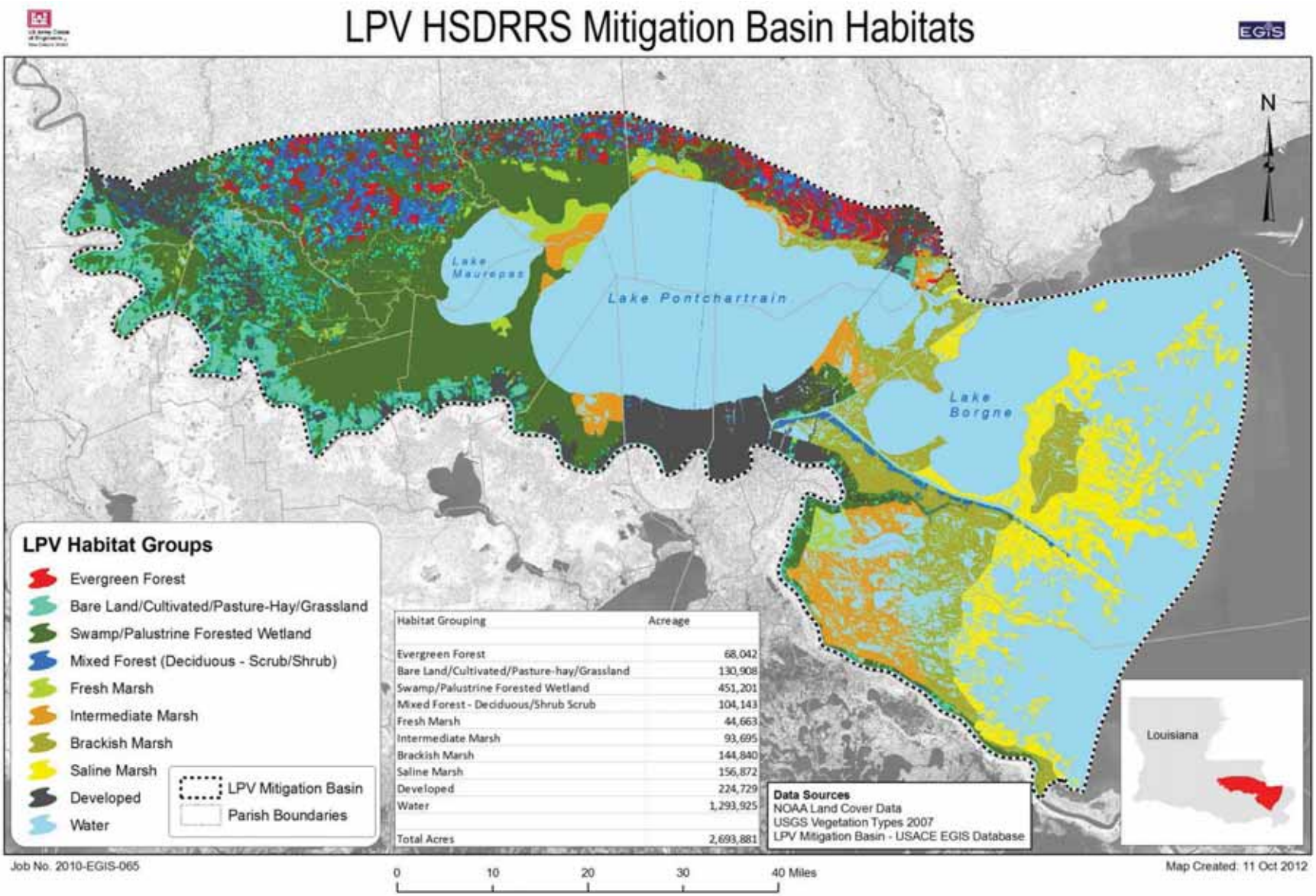



Figure 34: Bonnet Carre BLH-Wet and Swamp Restoration Projects




| Habitat Grouping | Acreage |
|---|---|
| Evergreen Forest | 68,042 |
| Bare Land/Cultivated/Pasture-hay/Grassland | 130,908 |
| Swamp/Palustrine Forested Wetland | 451,201 |
| Mixed Forest - Deciduous/Shrub Scrub | 104,143 |
| Fresh Marsh | 44,663 |
| Intermediate Marsh | 93,695 |
| Brackish Marsh | 144,840 |
| Saline Marsh | 156,872 |
| Developed | 224,729 |
| Water | 1,293,925 |
| Total Acres | 2,693,881 |

Figure 35: LPV HSDRRS Mitigation Basin Habitats

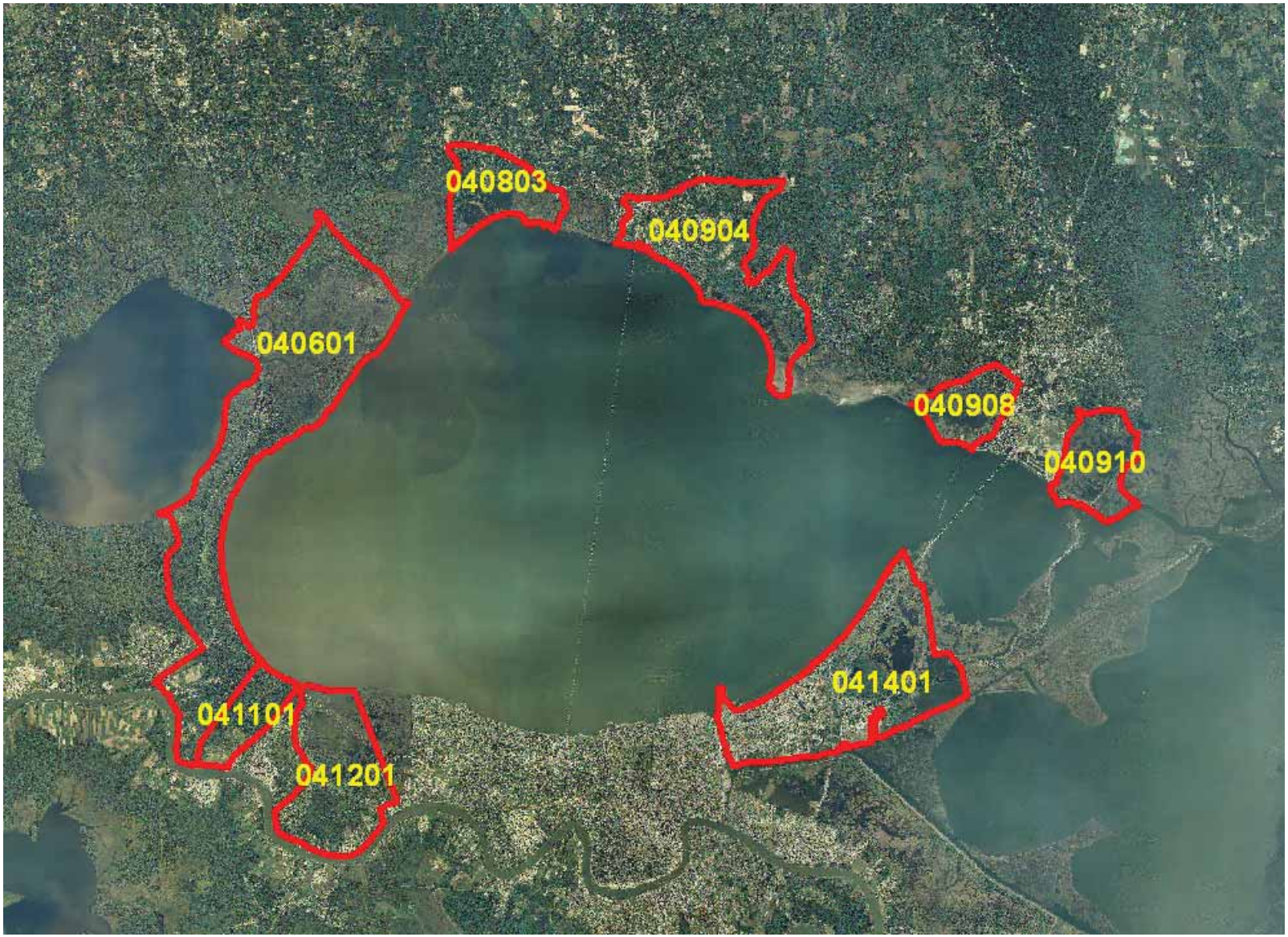


Figure 36: Hydrologic Units that Encompass Both a Project Footprint and an "Impaired" Waterbody

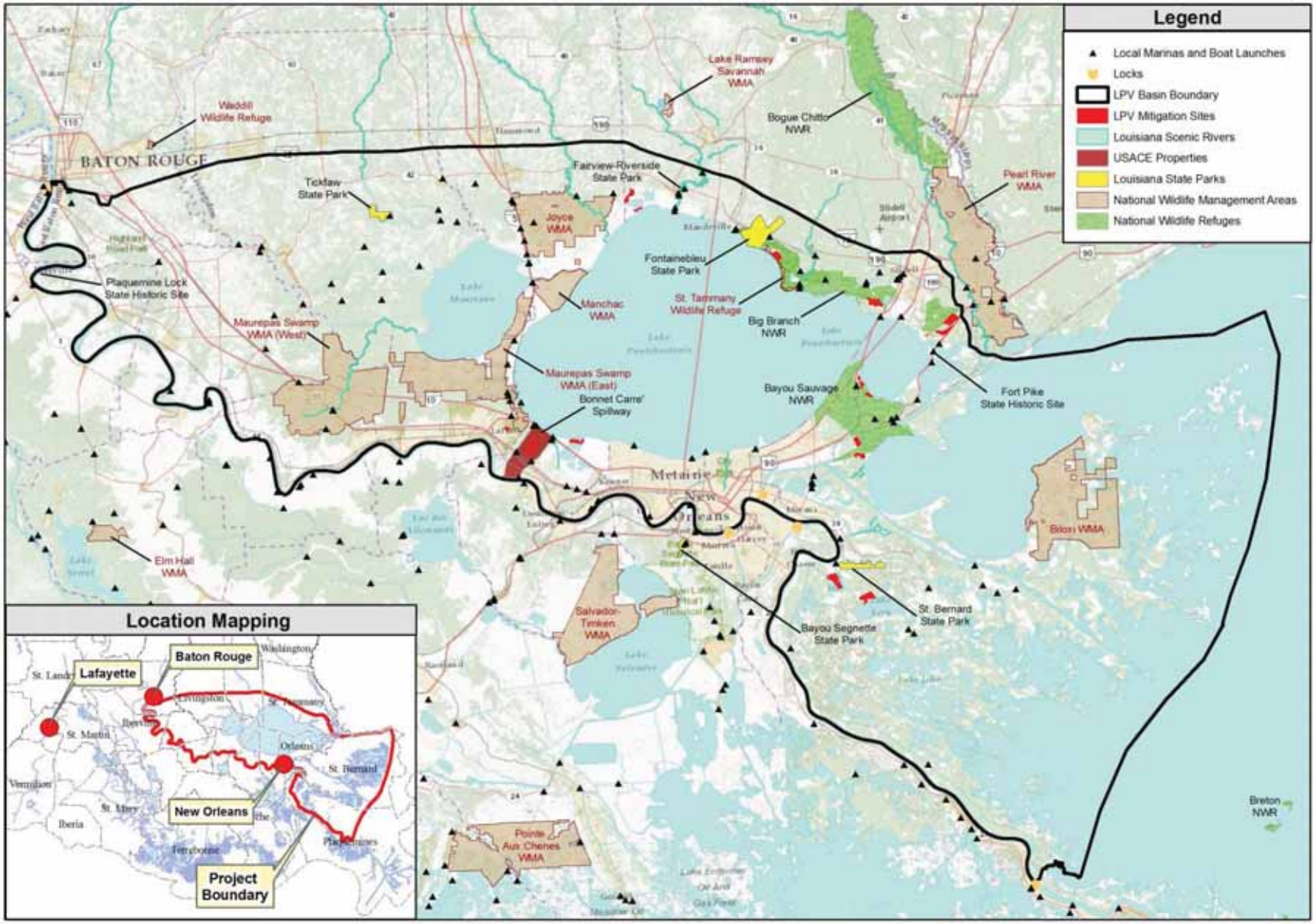



Figure 37: Recreational Features in the LPV Mitigation Basin

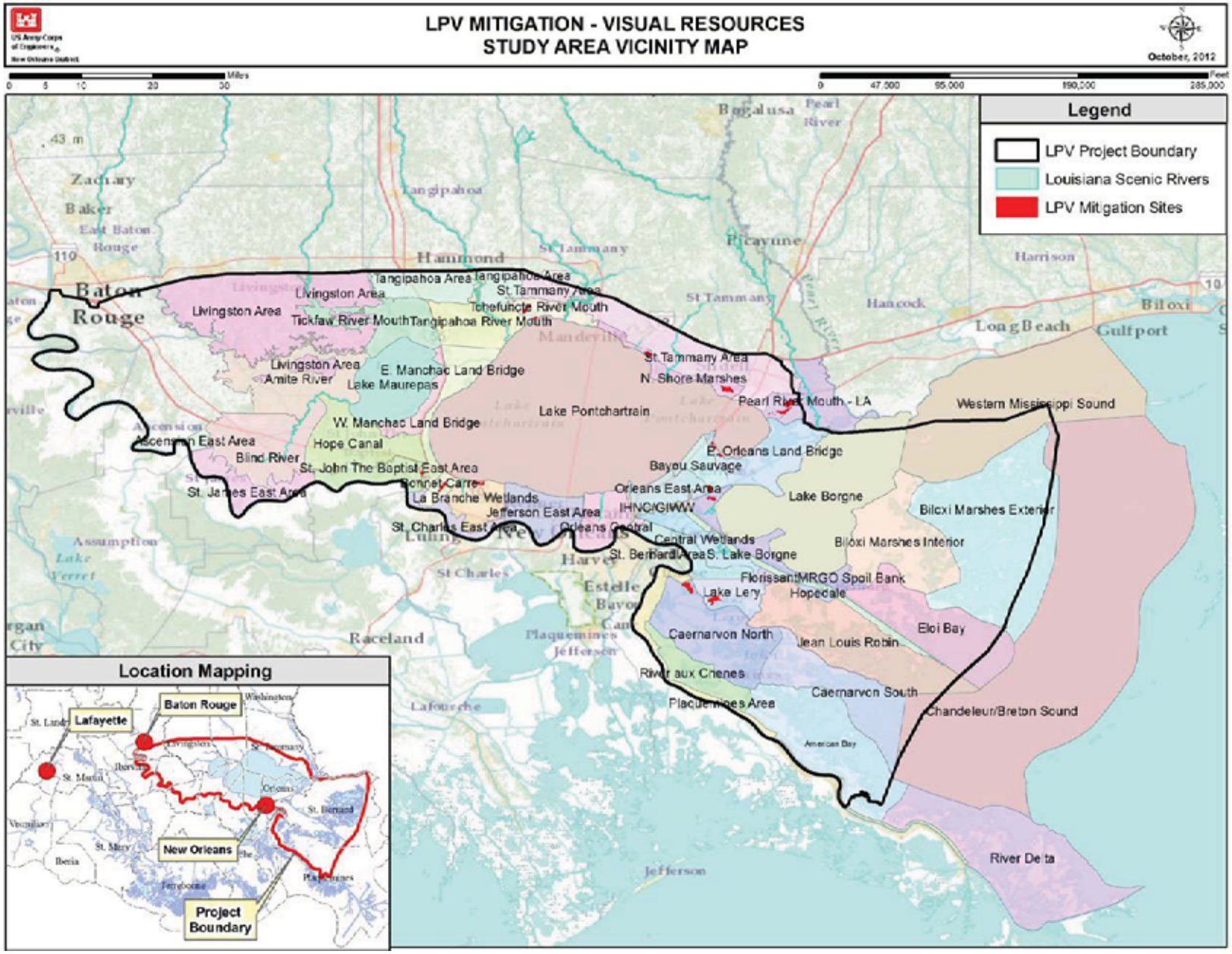



Figure 38: Visual Resources in the LPV Mitigation Basin.