

Appendix F – Beach Access Improvement Plan Summary

Beach Access Improvements Plan Summary

The current vehicular and pedestrian circulation pattern in the area bounded by the Old Administration Building, bathhouse, beach, East beach parking lot, and the Tulip Hill Picnic Area has evolved as improvements and changes have been made in this area over the years. With the construction of the new bathhouse and the increased usage of the Old Administration Building as a rental facility, there are opportunities and a need to improve vehicular and pedestrian circulation and access to the general area, as well as to increase visual presence of the buildings. In addition, the lake outlet structure located in the beach area, appears to be restricting the outflow of water from Green Lake, which creates undesirable lake water level fluctuations. The current structure also appears to be allowing a large amount of beach sand to travel downstream. (C &S, 2008)

The Beach Access Improvements Plan is the result of a thorough site study and analysis of existing conditions, which included topographic and geotechnical surveys, wetland delineations, identification of permit requirements, drainage considerations, and vehicular and pedestrian needs for the area. Some elements of this plan still require some discussion, additional information and consultation with regulatory agencies including DEC and COE. These elements will require additional environmental review prior to their implementation.

Proposed Project Outline for Beach Access Improvements Plan

Covered by environmental review under this master plan.

(*) Denotes higher priority.

To be completed:

- *Install a sidewalk (separated by curbing or planting area) adjacent to entrance road from Main Parking Area connecting to the bathhouse.
- *Install directional signs for vehicular and pedestrian traffic and informational kiosk panels.
- *Install enclosure around open stream channel outlet near playground.
- *Rehab and repair the existing trail from the Tulip Hill Parking Lot to the Hillside Picnic Area.
- *Repair lakeside stone wall and steps in kind.
- Resurface footpath along the east side of creek outlet with stone dust.
- Construct a bio-swale next to the Tulip Hill Picnic Area Parking to filter runoff and divert drainage to the swale adjacent to the existing walkway (Old Park Road).
- Rehabilitate the Main Parking Area by installing treed islands and/or depressed bio-swales to divert stormwater to park road swales and/or adjacent wetlands, , resurface pavement and restripe the lot with the new parking and circulation layout.
- Provide one-way road system to access public drop-off area for bathhouse on the existing walkway (aka Old Park Road).
- Improve the drainage and condition of the Old Park and Old Administration Road swales.
- Re-establish lower footpaths from Old Administration Building to Lake Trail and kiosk/Beach Area.

Requiring additional consideration of alternatives and environmental review:

- Install boardwalk/pedestrian bridge through the wetland and over the creek outlet to connect the northwest corner of the Main Parking Area, to the Cedar Grove Picnic Area.

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- Design and install a new weir at lake outlet to control lake water level and diminish sand outflow.
- Install pedestrian boardwalk and walk system from the center of Main Parking Area, through the wetlands, to north end of the bathhouse walkway/patio.
- Install new parking lot in the wetland east of the bathhouse parking lot, put in a picnic area or possibly leave as is.
- Rehabilitate/restore the wetlands with native plants, remove invasive species and install interpretive signage as part of COE mitigation for the boardwalk/walk system construction.
- Prepare a design to rehabilitate Hillside Picnic Area which may include integrating a gravel parking area for use by patrons renting the Old Administration Building.

Completed portions of project outline

- *Pedestrian Path connection from west corner of Main Parking Area to the existing walk surrounding the beach.
- *Rehabilitate entrance roads to bathhouse and Old Administration Building, keeping original alignments.
- Rehabilitate Old Administration Building terrace area and install ADA compliant parking and building access.
- *Install culvert from Hillside Picnic Area swale to adjacent wetland.
- Improve the drainage and condition of lawn area to the south of the bathhouse.
- Re-establish the Cedar Grove Picnic Area.
- Re-establish stone dust path around back of Old Administration Building to wide stone steps to lake.

