

CHICKASAW PARK MASTER PLAN

LOUISVILLE, KY - AUGUST 2000



ENVIRONMENTAL LANDSCAPE ARCHITECTS - LOUISVILLE, KY LANDSCAPES - LA PLANNING CO. - CHARLOTTE, VT ANEYNN LEVINE - HISTORIC CONSULTANT - BELMONT, MA SMITH ARCHITECTURE - ARCHITECTS - LOUISVILLE, KY

Chickasaw Park

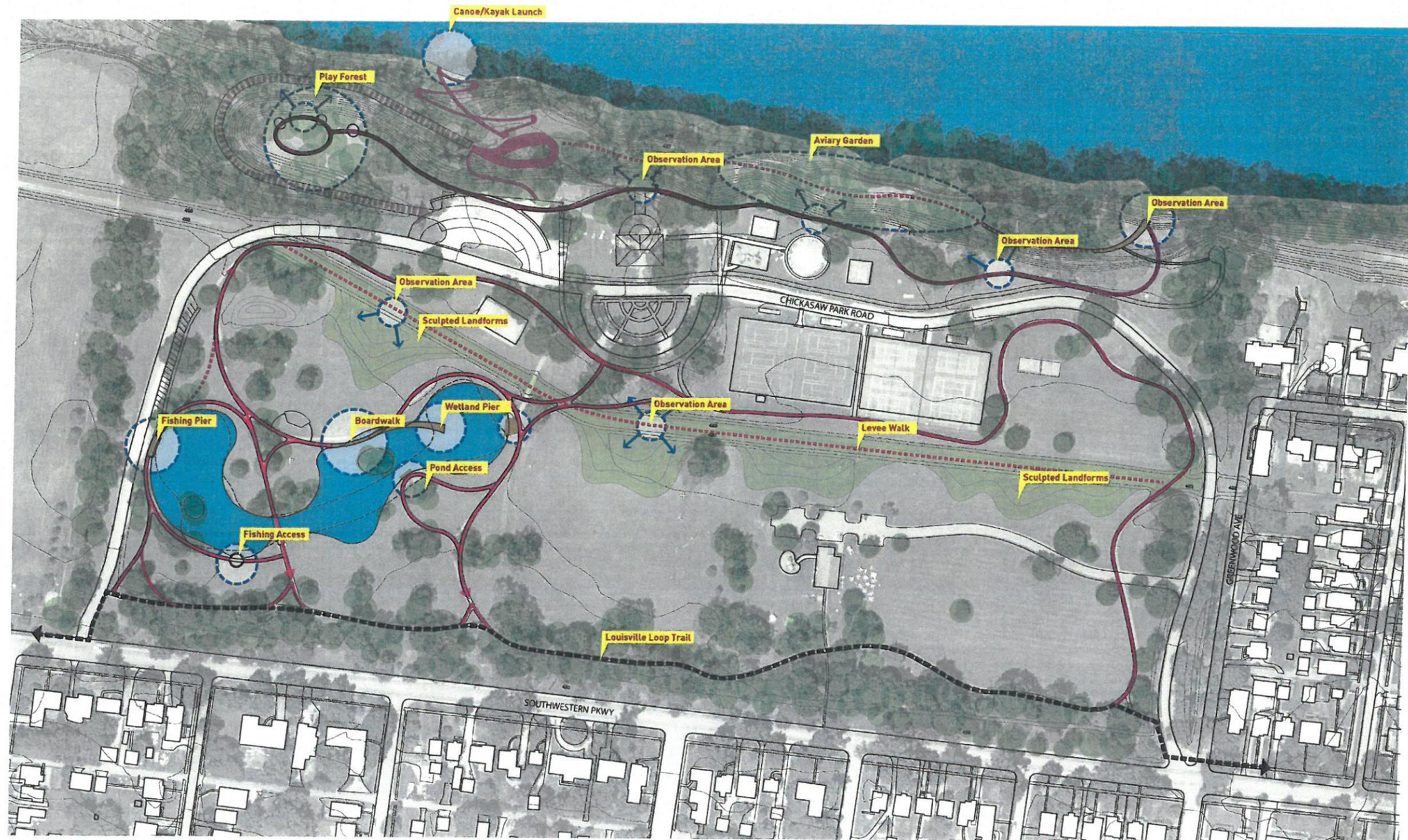
The master plan recommends the following improvements and enhancements for Chickasaw Park:

1. Remove contaminated soils from Chickasaw Pond, reshape pond edges, and provide areas for fishing and walking around perimeter
2. Provide access to the Ohio River for canoeing, kayaking, and fishing
3. Provide areas for wildlife observation and view of the river
4. Enhance network of paths and trails to provide access to natural areas of the park
5. Bank stabilization for river observation and trail routing
6. Distribute pond soils on-site creating berms and gently sculpted landscape areas along the southern edge of the levee



CONCEPTUAL PARK MASTER PLAN

2.1 CHICKASAW PARK: CONCEPTUAL MASTER PLAN

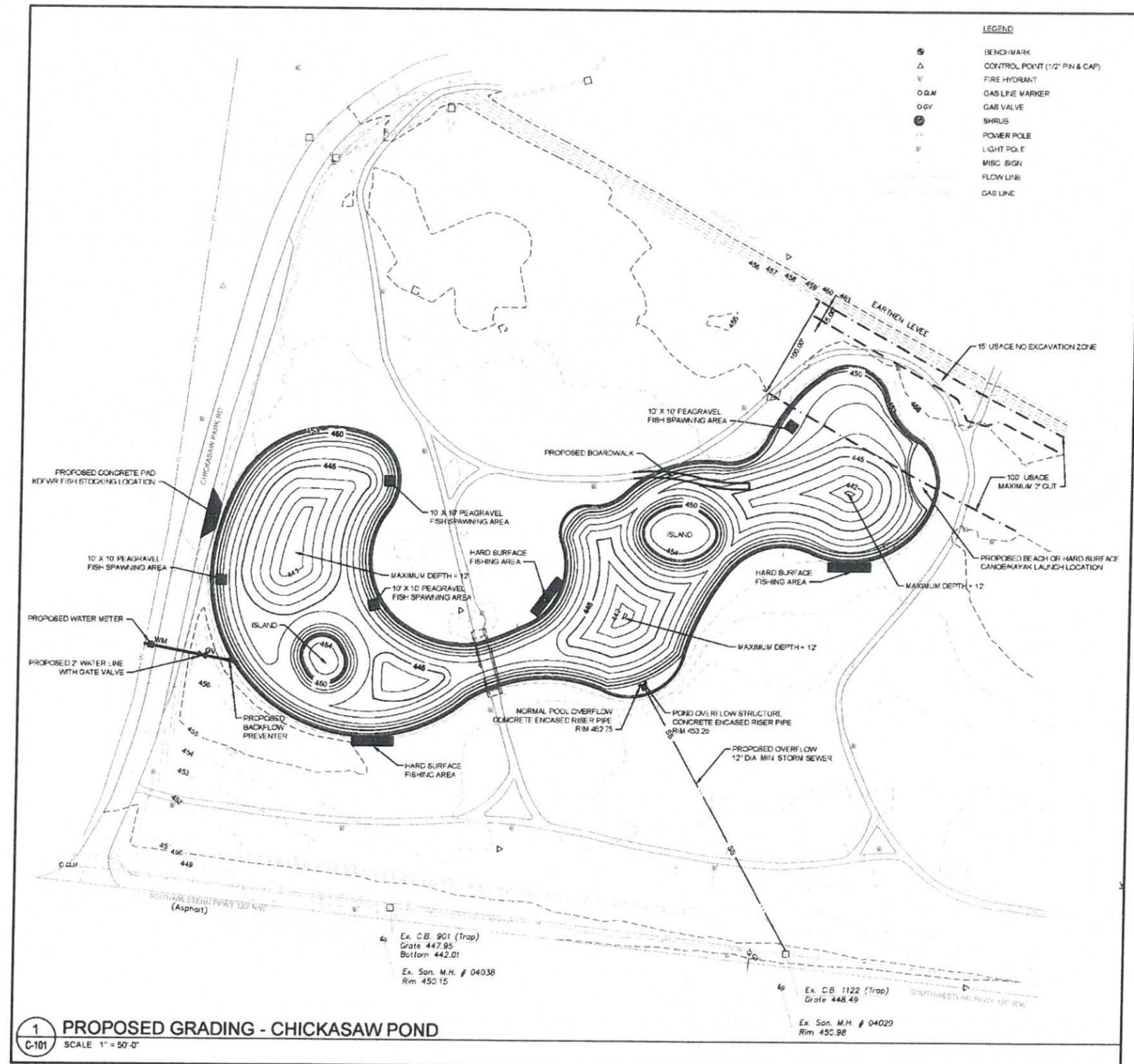


CHICKASAW POND

3.6 PROPOSED POND AREA IMPROVEMENTS

Generally the pond surface area will increase from 1.8 to 2.5 – 3 acres and the depth will increase from 1.5 feet to an average of 6 feet and maximum of 12 – 15 feet. Walking paths will be extended from the current paths within the park to the water's edge. A proposed boardwalk will extend the paths out over the water in some areas of the pond to create an interactive location between users and the water. Multiple hardened bank locations will be established for fisherman. The pond will have a new water service line from Southwestern Parkway with back flow preventer and isolated shutoff valve. The pond will have a new overflow drain pipe adequately sized to handle larger events and eliminate the flooding issues between the pond and Southwestern Parkway. The KDFWR has requested vehicular access to the pond or a fish tube for stocking the pond. Paddlers have requested a beach area along one of the banks as a canoe/kayak launch location. Approximately 16,000 cubic yards of material will need to be dredged and properly placed on site. Figure 3-5 is of the proposed pond survey. The full size conceptual plan is included in Appendix C.

Figure 3-5: Chickasaw Park Conceptual Pond



Conceptual-level opinions of probable cost were developed for the proposed canoe/kayak launch options. The conceptual cost opinions are based on contemporary costs from similar projects and engineering judgement. Several assumptions and exclusions were made for the planning level basis in determining the cost for these alternatives. In general, a 35% markup was included in the adjusted unit costs for mobilization / demobilization, maintenance of traffic, bonds and insurance, contingency, engineering and permitting. In addition, a standard 25% contingency was included for planning purposes.

The conceptual costs opinions are summarized in Table 3-1. Appendix G includes a more detailed opinion of probable construction costs.

Table 3-1: Conceptual Cost Opinion of Pond

| Description | Cost |
|-------------------|--------------------|
| Erosion Control | \$97,372 |
| Demolition | \$30,217 |
| Earthwork | \$1,534,576 |
| Utilities | \$87,386 |
| Site Improvements | \$572,930 |
| TOTAL | \$2,322,482 |