

WHEELER ROAD POND AT BONNER

City Engineering is proposing to construct a third pond in Cherokee Park. The pond will be constructed near the intersection of Wheeler Road and Bonner Lane, and will treat storm water from the last major outfall into the marsh.

The watershed that drains to this outfall is approximately 170 acres of mostly residential development. The pond will remove approximately 65 pounds of phosphorus annually and approximately 23,000 pounds of sediment annually.

The permanent pool for the pond will be approximately 1.1 acres. The permanent footprint of the pond, including berm and banks will be approximately 2 acres, and the total disturbed footprint for construction will be approximately 3 acres. Approximately 210 trees will be removed for the construction of the pond, 125 of which are either box elder, buckthorn, black locust, silver maple, or ash.

In addition to the pond construction, reed canary grass will be removed from approximately 0.8 acres north of the pond location. This wetland scrape will be completed in order to improve native habitat in the area. The scrape will be completed with the pond construction, but Park crews will immediately assume maintenance responsibilities, and may direct the scrape as necessary during construction.

We are still working on construction timeframe, but due to the high volume of storm water, and relatively small working space in this area, we are considering winter construction.



