AOC HABITAT LIST PROJECTS: SUMMARY STATUS OF REMAINING FUNDING REQUIRED

January 2021

Project Title	Brief Description	Scale of Project	Phase of Work Remaining for Funding	What the Project Will Address	Estimated Cost of Remaining Work
Johnson Intercounty Drain Restoration	Stream Restoration	3.0 miles restored channel, 6 acres riparian restoration	Implementation	Banks will be stabilized using native trees, shrubs, and grasses to provide vertical diversity and shade, a coarser substrate, a low flow channel, bedform diversity, floodplain connectivity, moderate sinuosity and roughness will improve pool depths, energy dissipation, will optimize fish habitat while reducing long-term maintenance.	$2,700,000
Phoenix Lake Habitat Improvements	Lake Restoration	0.45 ac fish spawning habitat, 3.0 ac fish habitat, 5.0 ac invasive species control, 2000 lft riparian corridor	Design/ Implementation	Restoration of the aquatic benthic substrates, submerged and emergent aquatic vegetation, and riparian corridor would provide spawning substrate, attachment points, and cover for fishes, aquatic insects, crustaceans, and other aquatic fauna.	$1,424,625
Wilcox Lake Habitat Improvements	Lake Restoration	20,000 cyds of sediment, 0.2 ac of restored wetland, 2 ac of fish habitat created, 15 fish habitat structures, 2.5 ac invasive species control, 1800 lft riparian corridor	Design/ Implementation	Removal of sediments, inclusion of aquatic substrates, submerged and emergent aquatic vegetation, woody debris, invasive species management, riparian habitat and the re-shaping of the reservoir basin morphology to create more open water area, shallow water habitats, and over-wintering deep water habitat. This will improve fish spawning, nursery, and cover habitat; waterfowl habitat; and aquatic turtle habitat. Native fish will be stocked.	$3,105,750
LTU Wetland Restoration	Stream Corridor wetland	1 acre wetland created, 20 habitat structures, 200 streambank stabilization	Design/ Implementation	Construct wetland/enhance riparian area to improve water and habitat quality of creek that degrade fish habitat in the system by diverting flow to wetlands from rainfalls while sustaining a permanent pool of water during low flow periods. Creek banks stabilized to decrease the rate of bank erosion.	$625,000
Inkster Park Wetlands & Fish Habitat Structures	Streambank Stabilization and Riparian Wetland Creation	3.8 acres wetland created, 2.0 acres reforestation, 250 ft of streambank stabilization , 1,000 sq ft fish cover habitat	Design/ Implementation	Wetland restoration, riparian forest creation will reduce sediment loading and river flashiness that degrade fish habitat in the system. Fish habitat structures will be incorporated into the streambank stabilization. Emergent riparian wetland creation for pollinators and amphibians by the increased habitat diversity and cover.	$1,100,000
Patton Park Wetland Restoration	Lake/Wetland Creation	9 acres created lake/wetland	Design/ Implementation	Create a pond/wetland system to capture and treat stormwater runoff and provide aquatic habitats. This will result in improved habitat conditions for native herpetofauna, aquatic macroinvertebrates, and pollinators and improved water quality/habitat in Baby Creek by reduced damaging stormwater flows and reduced volume of partially treated CSOs.	$1,000,000
Fire Fighters Park Sprague Stream Improvements	Stream Restoration	1,500 lft Stream Restoration, 400 lft Riffle Habitat, 2 acres Invasive Species Control, 400 lft native riparian swale	Design/ Implementation	Invasive shrub species will be controlled, and areas restored with native species along the entire 2,450 ft. Woody riffles and meanders will be constructed along the trapezoidal drain. Restoration efforts will focus on restoring herbaceous under-story vegetation and bedform diversity to dissipate energy and increase aquatic habitat.	$750,000
Perrin Park Wetlands & Reforestation	Riparian Wetland Creation Reforestation	3.5 acres wetland creation, 2 acres riparian reforestation	Design/ Implementation	Create wetlands in riparian floodplain lawn area. Will reduce sediment loading and river flashiness that degrade fish habitat in the system	$1,000,000
Wallaceville West Wetland	Riparian Wetland Creation	0.8 acres wetland creation	Design/ Implementation	Create wetlands in riparian floodplain lawn area. Will reduce sediment loading and river flashiness that degrade fish habitat in the system	$350,000
Merriman Hollow Wetland & Grow Zone	Riparian Wetland Creation	0.6 Wetland creation, 0.25 Native grow zone	Design/ Implementation	Create wetlands in riparian floodplain lawn area. Create a travel corridor for mammals, reptiles, fish and amphibians. Will reduce sediment loading and river flashiness that degrade fish habitat in the system.	$350,000
Grow Zones	Green Infrastructure & Flow control	50 Grow zone GI sites	Design/ Implementation	Reduce soil erosion and loading of sediments, nutrients and other pollutants: 89,000 lbs of sediment; 35 lbs of phosphorus and 130 lbs of nitrates per year and river flashiness that degrade fish and aquatic habitat in the system	$800,000
Fordson Island and Upland Habitat Restoration (Phase 1)	Riparian Upland Restoration	10.18 acres upland habitat	Design/ Implementation	Improvements such as turtle nesting mounds and basking logs, snake hibernacula and bird/bat nest boxes; invasive species removal, native tree plantings and prairie development will provide the necessary wildlife riparian corridor	$832,000
Fordson Island and Upland Habitat Restoration (Phase 2)	Riparian Wetland Creation and Upland Restoration	1-acre Wetland Creation, 10,000 cyd of sediment, shoreline stabilization, 17 acres riparian upland restoration, 7,500 sq. ft impervious removal.	Design/ Implementation	Improvements such as turtle nesting mounds and basking logs, snake hibernacula and bird/bat nest boxes; invasive species removal, native tree plantings and prairie development will provide the necessary wildlife riparian corridor and bank stabilization improve fish habitat	$1,750,000
Concrete Channel	River Restoration		Design/ Implementation	Habitat imporvements along the concrete portion of the Rouge River.	????