EE Wilson Fishing Pond

District
Mid-Willamette, Corvallis office.

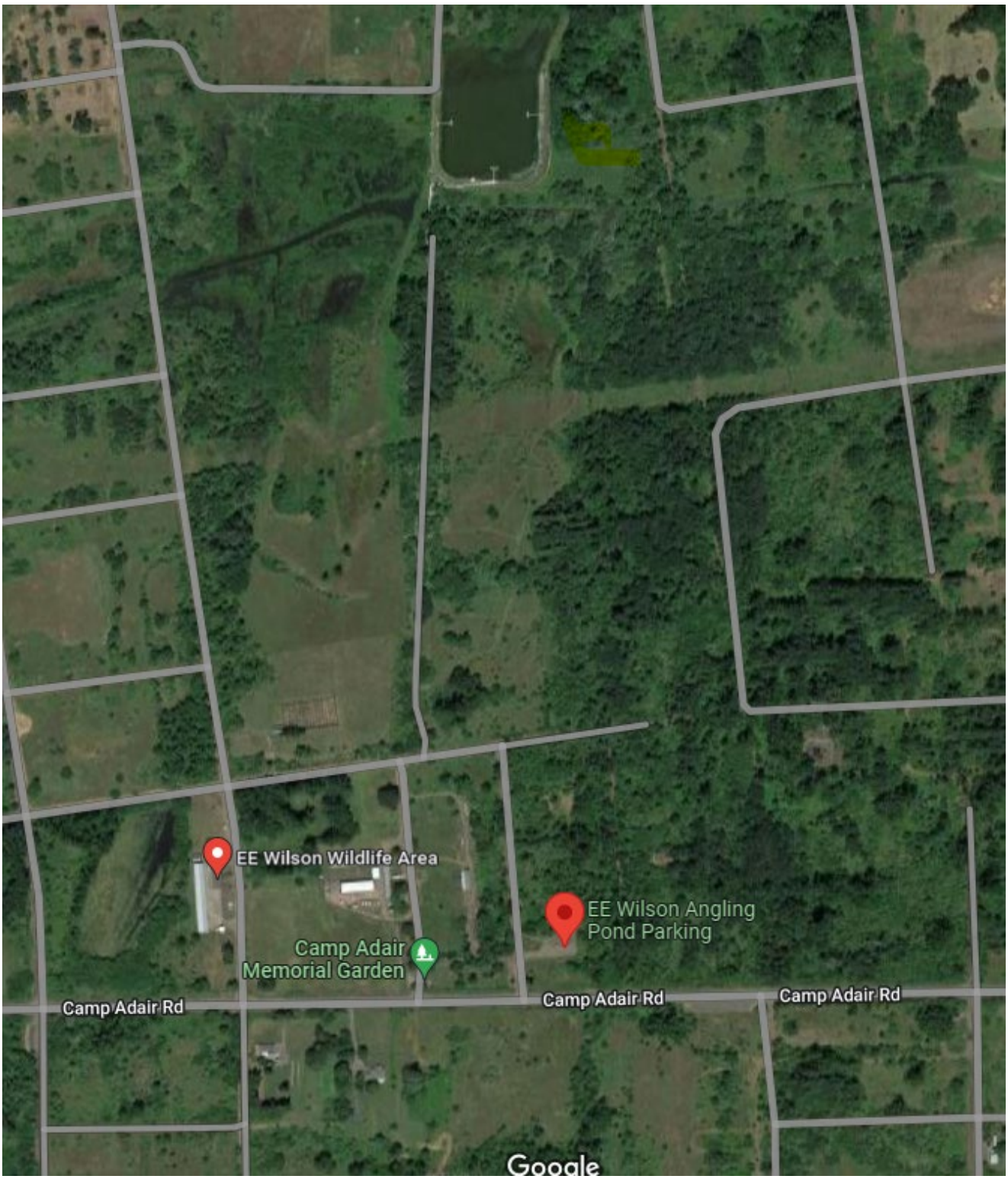
Project Contact
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Bryce Hansen, R&E Construction Project Manager, 1-503-947-6204

Site Location
Polk County
GPS: 44.699699, -123.206399
EE Wilson Wildlife Area
Driving Directions: From NW Independence Hwy, turn West on Camp Adair Rd. Travel approximately 1.5 miles, turn Right into parking labeled for EE Wilson Angling Pond. Park and walk on improved pathway to the lake.

Expected Start Date
August 2023

Site Ownership
ODFW. EE Wilson Wildlife Area

Figure 1: View of parking area and fishing pond



Project Summary:

The purpose of this project is to address issues that will improve staff safety and angler access and satisfaction at this popular fishing location in the Mid-Willamette district.

- The #1 issue at this site is the water outlet culvert that passes through the dam on the lake is failing, and needs repaired. The proposed action to repair this outlet pipe is to "slip line" the existing culvert with a new pipe, which will allow the repair to happen without the need to breach the dam to install a completely new outlet pipe. This proposed method is less intrusive to the environment and less expensive than full removal and replacement of the original pipe.
- The second issue at this location is that in order to adjust the levels of the lake, ODFW staff must get in a boat and go out into the lake to manipulate dam-boards that are installed in a concrete structure. This is dangerous, as staff lean over the side of the boat to install or remove the boards. The proposal to address this issue is to install a new water control valve inside of a concrete vault or utility box on the shore so staff do not have to get in a boat to adjust lake levels at the current structure that is out in the lake. This box will be lockable so that vandals cannot access the valve to control the lake.
- The third issue is that there are very limited places for anglers and other users to sit and rest while fishing or enjoying this location. There is a gravel pathway, and a portion of the lake has ADA access, but very limited seating. This creates crowding issues around the ADA dock, making it less than pleasant. Adding 6 benches and 4 picnic tables in strategic locations around the lake and near the pathway will give people a place to sit and rest, and our intent is that this will help alleviate the overcrowding issues near the ADA dock.
- The parking area for the EE Wilson Fishing Pond off of Camp Adair Rd is too small for the amount of people who use this site, the parking area is full of potholes, and the ADA Parking area is not big enough to meet current ADA criteria. The parking lot will be graded and compacted, which will address the potholes that have been created. The ADA space will be re-striped, and the informational kiosk will also be installed at the trail head near the parking lot.
- The concrete sidewalk that is on the access trail near the lake need to be repaired. A high-water event washed out the fill material under a portion of the sidewalk, and if not addressed this will lead to failure of the sidewalk. The proposal to fix this issue is to use some sheet piling and a concrete stem wall to shore up the slope near the sidewalk and re-pack the fill that has washed out from under the sidewalk.
- Currently at the lake, there is a pathway for access, and several fishing docks that anglers benefit from. The problem that we are seeing is that during high use periods, anglers crowd the fishing docks, and then over-flow onto the pathway where they set up chairs, shade canopies, and other items that block walking access for other users on the trail. Our proposal to help remedy this overcrowding is to install 6 separate boulder clusters at various locations around the lake at the water's edge to give people more access points to stand and fish. These boulder clusters are comprised of large, flat boulders that are bunched together, and placed approximately 6" above the water surface. The boulder cluster method has been used at other fishing locations in the state and this approach has been wildly successful and popular with anglers of all ages.

Project Validation

Repairing the deficiencies at this fishing pond and adding amenities that will enhance angler's experience are consistent with ODFW's vision. Repairing and installing the proposed items listed in the project summary align with;

- ODFW Strategic Plan. Goal #2, "Increase and diversify public use and enjoyment of Oregon's fish and wildlife resources".
- ODFW Strategic Plan. Goal #4, "Invest in infrastructure that best supports our mission".
- 21-23 Recreational Fisheries Program Priorities. Goal #3, "Support improvements to public access facilities"
- 25 Year Angling Enhancement Plan. Goal #2(f), "Develop and maintain access to water bodies to provide diverse angling opportunities".

Recreational/Commercial benefit.
This project provides 100% recreational benefit, there is no commercial benefit from this fishery.

Species Present.
Fishery at this location is a put and take fishery for stocked rainbow trout.

View showing current fishing docks and access trail.



Water control structure



Material washed out from under sidewalk



EE. Wilson Phase 2				
	Trade	# of Units	Unit Cost	Cost
1	*Items to be fixed/ repaired*			
	KIOSK	1	$ 5,300.00	$5,300.00
	Slip Lining of existing outlet/ Culvert	125	$ 295.00	$36,875.00
	New outlet Valve	1	$ 12,650.00	$12,650.00
	Parking Lot	240	$ 14.50	$3,480.00
	Delivery of gravel	24	$ 250.00	$6,000.00
	Grading of parking lot	40	$ 125.00	$5,000.00
	Extension of wingwalls at bridge	20	$ 156.00	$3,120.00
	Attachment of bridge	4	$ 125.00	$500.00
				$0.00
				$0.00
			Demolition =	$72,925.00
2	*New Items to be added*			
	6 Benches	6	$ 1,060.00	$6,360.00
	4 Picnic tables	4	$ 2,650.00	$10,600.00
	New retaining wall on back side of KIOSK	40	$ 141.00	$5,640.00
	Boulder clusters	6	$ 500.00	$3,000.00
	New KIOSK at parking lot	1	$ 8,900.00	$8,900.00
			Reconstruction of raised walkway =	$34,500.00

Total Sub Cost	$107,425.00
Contingency	$10,742.50
Permits	$0.00
Fees	$0.00
Total Project Cost	$118,167.50