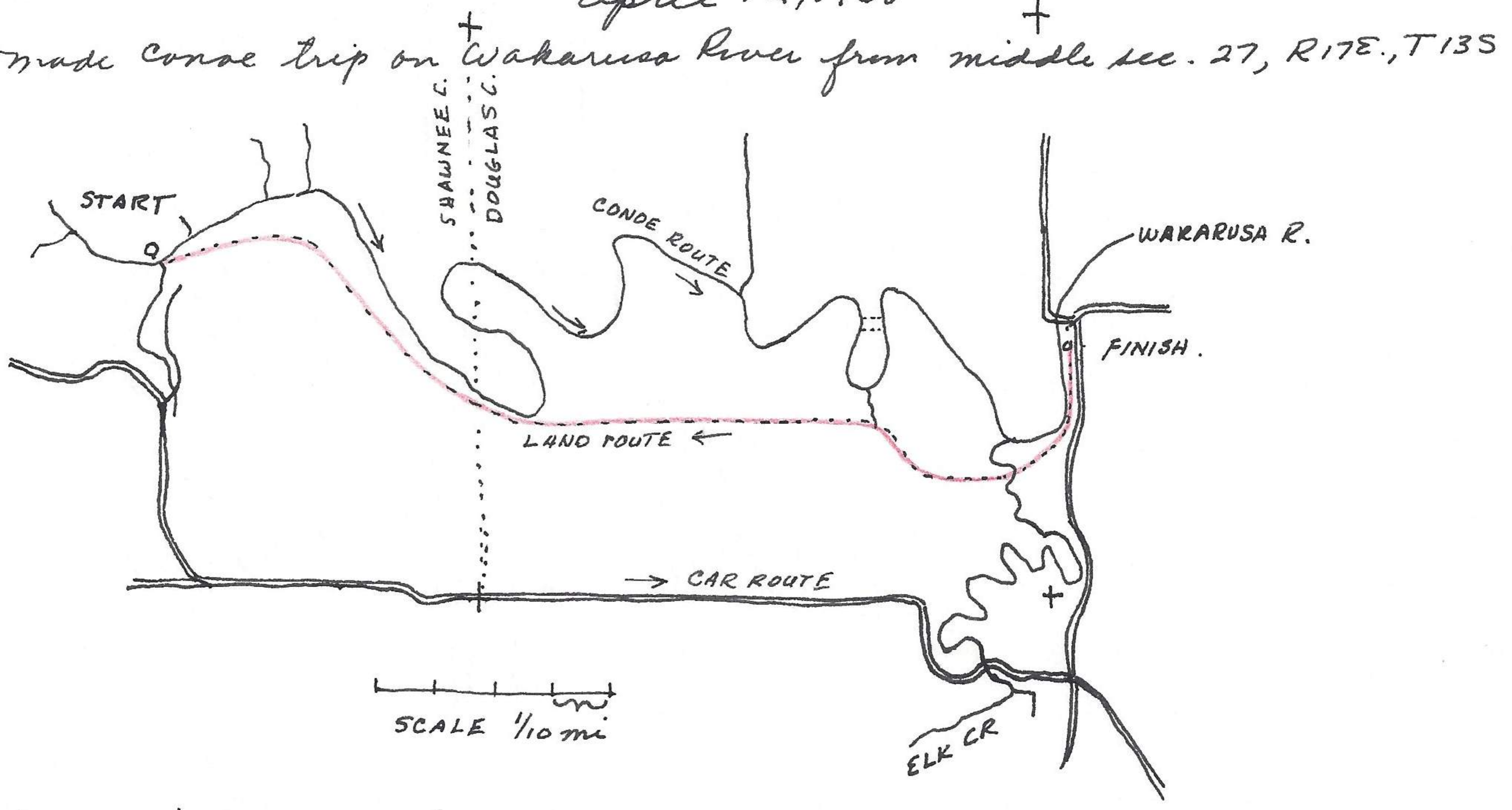


sands and picked up the individual minnows as they became immobile on the sand. 32 minnows were taken in this one group. These fish have a capacity to move over shallow barriers with their backs out of water. Some minnows were trapped in isolated shallows and presumably would be eaten by herons or animals. There were great blue heron tracks in the area. 3:17 beaver house with branches uneaten. 3:19 mouth Wakarusa This area has always been used by beavers but not much sign now at this season. As we ascended up Wakarusa passed a mole mallard with injured side & leg. It swam upstream in front of us until overtaken and then dove several times, finally coming up behind us when it continued back down the river. 3:25 American Coot, only one on river. Arrived Wakarusa bridge N Eudora at 4:00 P.M.

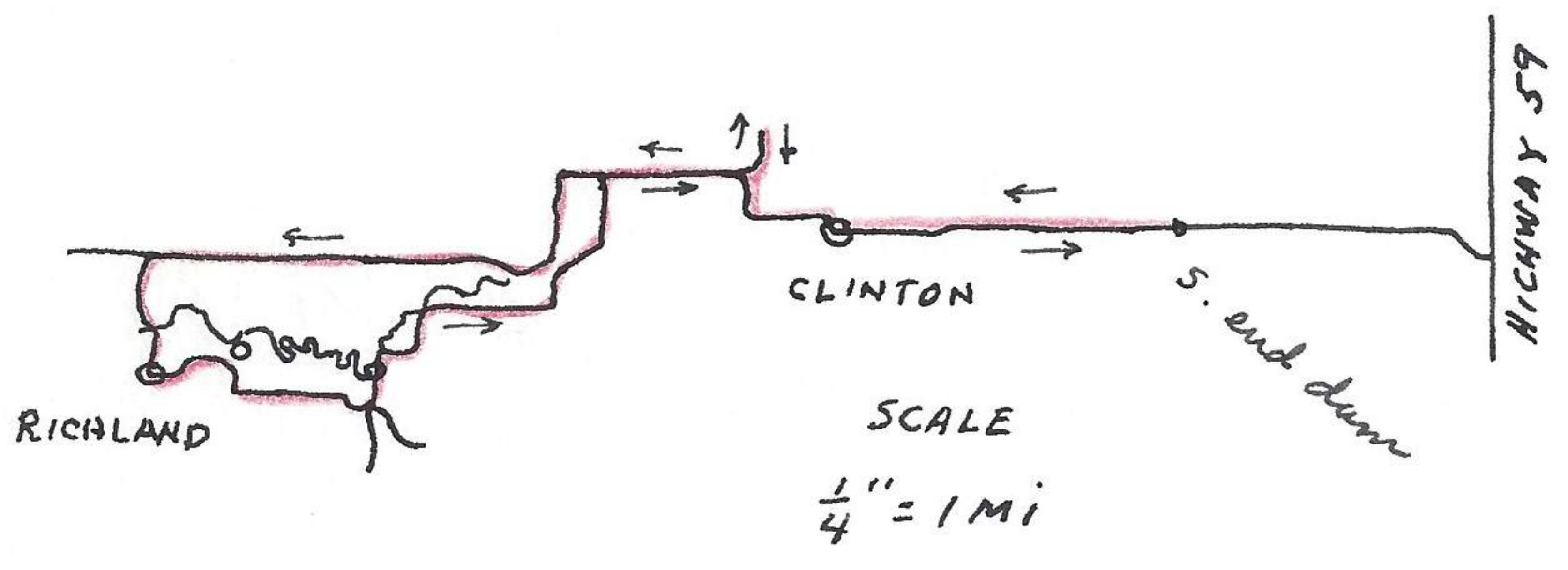
Wakarusa River, Richland area, Douglas - Shawnee Co., Kansas

April 12, 1968

Made canoe trip on Wakarusa River from middle sec. 27, R17E, T13S



To a point approx. 3/10 mi. down stream from entrance of Elk Creek. Enroute made roadside census from S end proposed Clinton Reservoir dam to Richland and return.



Sky 9:00 A.M. with 100% clouds and strong SW wind. Started census at 9:00 A.M. at S end proposed Clinton Reservoir dam at mileage 31.3. 31.8 meadowlark. 32.5 meadowlark. 32.8

meadowlark. 32.9 meadowlark. 33.7 starling. 34.8 meadowlark. 34.8 horned lark. 35.3 Clinton, 8 Eng Sparrows (center of town). 35.9 3 cowbirds.