Work done to the go-kart

This past week, wiring continued on the go-kart. Most notably the speed controller for the braking motor and the speed controller for the steering gear motor were wired. Some other minor wire routing was completed as well. The circuitry was consolidated down to a single bread board so more testing could be done and the go-kart could be moved. The 555 timer was rewired so the frequency of oscillation could be adjustable.

Figure 1: Steering gear motor
Figure 2: wiring for the braking speed controller

Figure 3: current condition of most of the wires
Next Week:

Currently many of the wires on the go-kart are routed using masking tape and the wires are tangled. Next week wires are going to be routed through conduit and all masking tape will be removed from the go-kart. PCB design will most likely start next week after circuit diagrams have been completed.