The following video and images show a setup that can be used to design a connection between your marble run design and a standard servo. The outer ring shows a generic connection shape. This connection is actually two types - because the connection to the servo motor can be reversed such that your design can either use the inner gear - left side of the second image, or the outer ring - right side of second image.

The connections to the servo motor will be made out of acrylic so that they are more durable.

I have ordered some additional servos that are of the continuous rotation type. These will be used instead of the hobby motors mentioned in the project specification page. I have also decided against using the micro servos. This simplifies the system...

The next item that I will provide will be mounting designs.

The system is demonstrated in a YouTube video. The video shows that servo being run in automatic mode (Arduino example sketch Sweep), being controlled using a potentiometer (Arduino example sketch Knob) and finally being triggered via the input from the light sensor.