



Crosswalk Button Redesign

Current Design

No **feedback** to indicate the system has received the command.

No **indication of progress** to alleviate the pedestrians' anxiety.

No **visibility of the current state**. Other pedestrians cannot tell if the button was pressed, leading to confusion and awkwardness.

Solution



The pedestrian pushes the button, and the progress ring is filled to **give immediate feedback**. The symbol and the words on the button provide feedforward knowledge.

The ring slowly vanishes to **indicate the progress and the current state**. The system keeps the button down to disable its function and to decrease affordance.

When the ring is gone completely, the pedestrian is able to cross. The system releases the button when the crossing is over.

Inspirations

