

## **Standard Wiegand 26-Bit Format**

- ▶ Bit 2 to bit 9 is the site code (total of 8 bits).
- ▶ Bit 10 to bit 25 is the card number (total of 16 bits).
- ▶ Bit 1 is even parity for bits 2 thru 13.
- $\blacktriangleright$  Bit 26 is odd parity for bits 14 thru 25.
- ▶ Pulse width: 40 microseconds.
- ▶ Pulse spacing: 2,000 microseconds.
- Most significant bit (MSB) first.

The Wiegand pulse of our reader is as follows:

