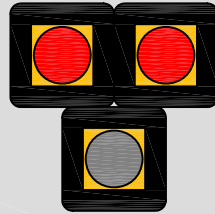


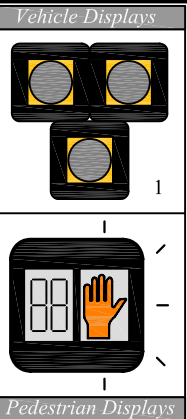
HAWK Pedestrian Crossing System

City of St. Cloud
Traffic Systems Services
St. Cloud, Minnesota

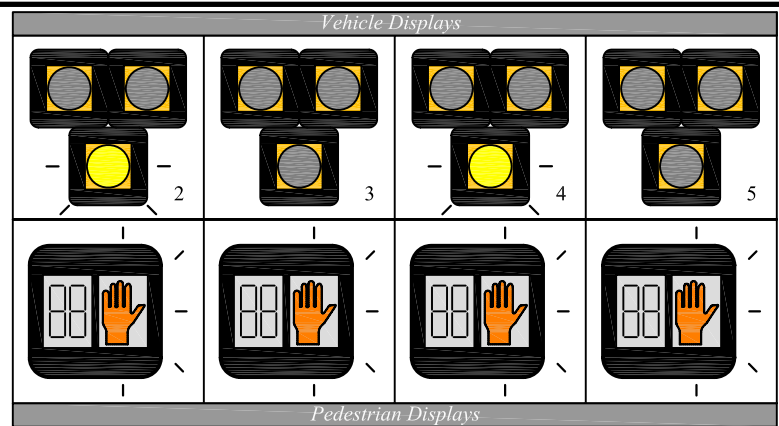
The HAWK Pedestrian Traffic Signal Display provides a unique traffic signal display for the motorist. The unique shape and operation of the HAWK signal provides improved safety for the pedestrian crossing a roadway, reduced delay to the motorist and a traffic signal system with minimal energy consumption. When the system is in rest, the vehicle signal displays are dark while the Don't Walk Raised Hand symbol on the pedestrian displays are the only indications displayed. The unique shape and operation of the signal displays quickly identify the signal as a pedestrian crossing with the flashing yellow display, the dual red display and the alternating red display.



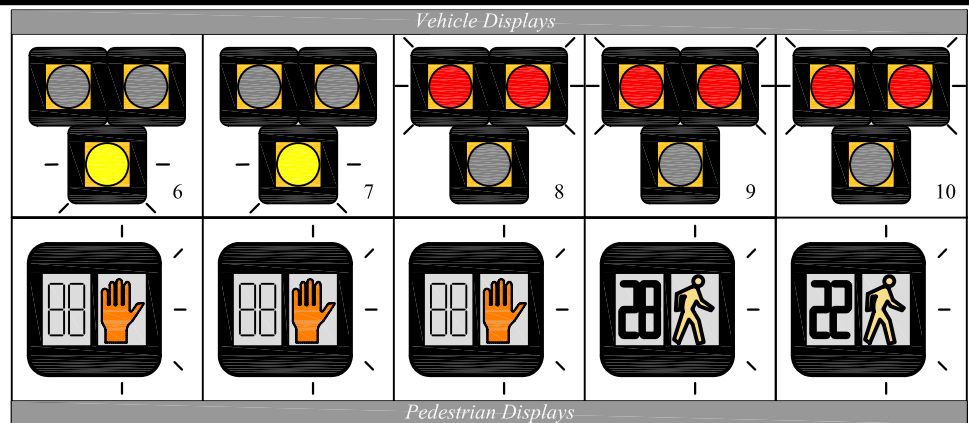
The vehicle indication remains dark when the pedestrian crossing is not in use. The raised Don't Walk hand symbol remains on during this timing interval. (Note: The number in the lower right corner of the signal display indicates the order in which the signal sequence will occur.)



After the pedestrian button has been depressed, the yellow indication in the traffic signal head flashes yellow to indicate to the motorist that the display will soon be transitioning to a red display. The raised hand on the pedestrian display remains on during this time period.



Upon completion of the flashing yellow interval, the yellow display goes to a solid yellow for a period of time. After this timing period the dual red indication is displayed. After another clearance period, the Walking Person indication along with the countdown display becomes visible on the pedestrian display. The pedestrian may now start walking across the street. An audible system will also notify the pedestrian that they may now proceed across the street.



After the pedestrians have had time to enter the crosswalk area with the Walk display showing, the pedestrian Walk indication transitions to the flashing Raised Hand display while the countdown display begins. At the same time the flashing Raised Hand display becomes visible, flashing dual red displays become visible to the motorist. With the dual flashing red displays, the motorist may carefully proceed provided the pedestrians have cleared the crossing. At the end of the countdown period, the solid Raised Hand is once again displayed and the traffic signal indications for the motorists go black.

