4. Pedestrian Detector. The most common pedestrian detector is the pedestrian pushbutton assembly. Where pedestrian signals are provided at pedestrian street crossings, they must include pedestrian pushbutton assemblies complying with sections 4E.08 of the *MUTCD*.

For an accessible pedestrian signal (APS) and pedestrian pushbutton is an integrated device that communicates information about the "Walk" and "Don't Walk" intervals at signalized intersections in visual and non-visual formats, i.e., audible tones and vibrotactile surfaces, to pedestrians who are blind or have low vision. These features are in addition to the traditional pedestrian signal head.

A pedestrian pushbutton assembly must meet the requirements of the *Americans with Disabilities Act* (ADA). The actuator must have a 2-in. minimum diameter and contrast visually with the housing or mounting. The actuator for an APS pushbutton assembly, must vibrate during the walk interval and a tactile arrow should be mounted on the actuator or the housing directly above or below the actuator. The tactile arrow must contrast with the background. The actuator must be operable with one hand without grasping, pinching or twisting of the wrist and require no more than 5 pounds of force to actuate.

See Section 502-3.04(05) for information on the use of a pedestrian signals and accessible pedestrian signals.