

## **Accessible Pedestrian Signals (APS)**

- **Accessible Pedestrian Signal and pedestrian pushbutton** is an integrated device that communicates information about the WALK and DON'T WALK intervals at signalized intersections in non-visual formats (i.e., audible tones and vibrotactile surfaces) to pedestrians who are blind or have low vision.
- The new traffic signals will conform to the Proposed Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG), which require APS for new construction that includes pedestrian facilities.
- Manual of Uniform Traffic Control Devices (MUTCD) requires that the APS automatically adjust based on ambient noise.
- APS audible tones volume cannot be greater than 5 dBA more than ambient noise (background sound pressure level at a given location), up to max of 100dBA. Since ambient noise varies throughout the day, the volume will vary with the ambient noise.
- APS audible tones volume can and will be adjusted in the field.
- Including actuation for every crossing (pushing button to activate audible tones) will reduce the number of times the APS is activated during off-peak times.
- The speaker can be integrated into just the push button assembly and not on the pedestrian signal head. This reduces the noise levels.
- For further guidelines, refer to [www.apsguide.org](http://www.apsguide.org).