

Design Guidelines for Audible Pedestrian Signals for the City of Toronto

In July 1997, the former Metropolitan Toronto Council adopted an annual Audible Pedestrian Signal (APS) installation program which continues to this day. Given the City's responsibilities under the APS program, LEA were retained to produce a design guideline document, under the scope of the 2001 APS installation, for the consistent application of Audible Pedestrian Signals (APS) at Traffic Control Signals (TCS).



Novax APS Sound Head mounted on pedestrian signal head.



Non-actuated crossing pedestrian information sign.



Actuated crossing pedestrian information sign.

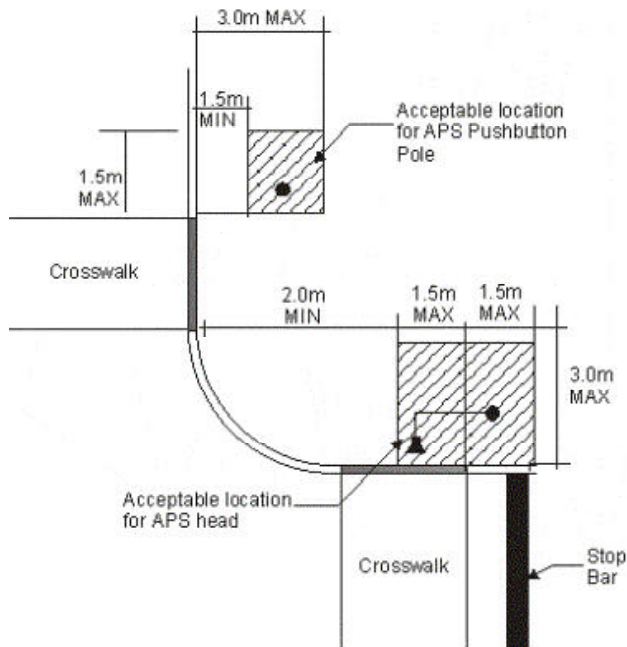


APS specific pedestrian information sign.

APS provide directional and safety aid to pedestrians who are blind or visually impaired without significant noise impacts for the adjacent community. APS is a type of tone emitting equipment that can be installed at a signalized intersection to audibly identify when a walk indication is provided for a specified direction.

The report consists of design guidelines to outline the requirements for the location and orientation of APS devices, pedestrian obstructions, and other

design issues and concerns. This ensures proper installation of each all components of the APS system, namely the sound heads, pedestrian pushbuttons and poles, and pedestrian information signs.



APS pushbutton pole base and head placement.

PROJECT SUMMARY

Client:
City of Toronto

Location:
City of Toronto, Canada

Services Provided:
Audible Pedestrian Signal Design Guidelines

