



NOTES:

- AUDIBLE – TACTILE PEDESTRIAN SIGNAL SYSTEM FOR ADA PEDESTRIAN PUSH BUTTON;
1. SHALL CONSIST OF 2-12 PUSH BUTTON STATIONS (MAXIMUM OF 3 PER PHASE) CONTROLLED BY A SINGLE BASE UNIT AT/IN THE TRAFFIC CONTROL CABINET.
 2. SYSTEM MUST BE ABLE TO PROVIDE THE FOLLOWING AUDIBLE FEATURES:
 A LOCATING TONE
 5 WALK SOUND CHOICES (FIELD SELECTABLE)
 3 PED-CLEARANCE SOUND CHOICES (FIELD SELECTABLE)
 DIRECTION OF TRAVEL (AS STANDARD FEATURE WITH EXTENDED PUSH)
 INFORMATION MESSAGE (CUSTOM FEATURE WITH EXTENDED PUSH)
 3. ALL AUDIBLE SOUNDS MUST EMANATE FROM PUSH BUTTON STATION.
 4. EACH AUDIBLE FEATURE MUST HAVE INDEPENDENTLY SETTABLE MINIMUM AND MAXIMUM VOLUME LIMITS.
 5. ALL SOUNDS MUST AUTOMATICALLY ADJUST TO AMBIENT NOISE LEVELS OVER A 60 dB RANGE.
 6. ALL SOUNDS FOR ALL PUSH BUTTON STATIONS MUST BE SYNCHRONIZED.
 7. SYSTEM MUST BE ABLE TO PROVIDE AUDIBLE COUNTDOWN DURING PED CLEARANCE PHASE.
 8. PUSH BUTTON STATIONS MUST REQUIRE ONLY TWO WIRES COMING FROM THE TRAFFIC CONTROL CABINET FOR EACH PHASE / CROSSWALK.
 9. EACH PUSH BUTTON STATION MUST HAVE A 2" BUTTON WITH A TACTILE RAISED DIRECTIONAL ARROW ON THE BUTTON.
 10. THE ARROW MUST BE ABLE TO BE CHANGED TO ONE OF FOUR DIRECTIONS.
 11. THE ARROW/BUTTON MUST VIBRATE DURING THE WALK PERIOD, FOLLOWING A BUTTON PUSH.
 12. PUSH BUTTON STATION FRAME SHALL BE MADE OF CAST ALUMINUM WITH MOUNTING HOLES TO HOLD A 9"x12" OR LARGER PEDESTRIAN SIGN.
 13. ALL VOLUMES AND OPTIONAL FEATURES ARE TO BE SETTABLE USING A HAND HELD WIRELESS DEVICE WITH PASSWORD SECURITY.
 14. WIRELESS DEVICE SHALL BE CAPABLE OF SETTING/UPDATING ALL PUSH BUTTON STATIONS ON THE INTERSECTION FROM A SINGLE PUSH BUTTON STATION (GLOBAL UPDATING).
 15. SYSTEM MUST BE ABLE TO MUTE SOUNDS ON ALL CROSSWALKS EXCEPT ACTIVATED CROSSWALK (SELECTABLE FEATURE).
 16. SYSTEM MUST BE ABLE TO HAVE MULTIPLE LANGUAGE CAPABILITY, SELECTABLE USER.
 17. SYSTEM SHALL BE ABLE TO PLAY EMERGENCY PREEMPTION MESSAGE.
 18. SYSTEM SHALL BE ABLE TO SELF TEST BUTTONS AND REPORT ANY FAULTS TO TRAFFIC CONTROLLER.
 19. PEDESTRIAN BUTTON CASTING(S) SHALL BE YELLOW.

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CITY OF VANCOUVER
 DEPARTMENT OF PUBLIC WORKS
 TRANSPORTATION DIVISION

**ADA PEDESTRIAN AUDIBLE
 PUSH BUTTON ASSEMBLY**

DRAWN BY	APPROVED BY	APPROVAL DATE
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7		3/24

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