

APS PUSHBUTTON PLACEMENT DETAILS

APS PUSHBUTTON SIGNING OPTIONS

FIGURE 1: APS PUSHBUTTON LOCATION AREAS - INTERSECTION CORNER

FIGURE 2: APS PUSHBUTTON LOCATION AREAS - CORNER ISLAND

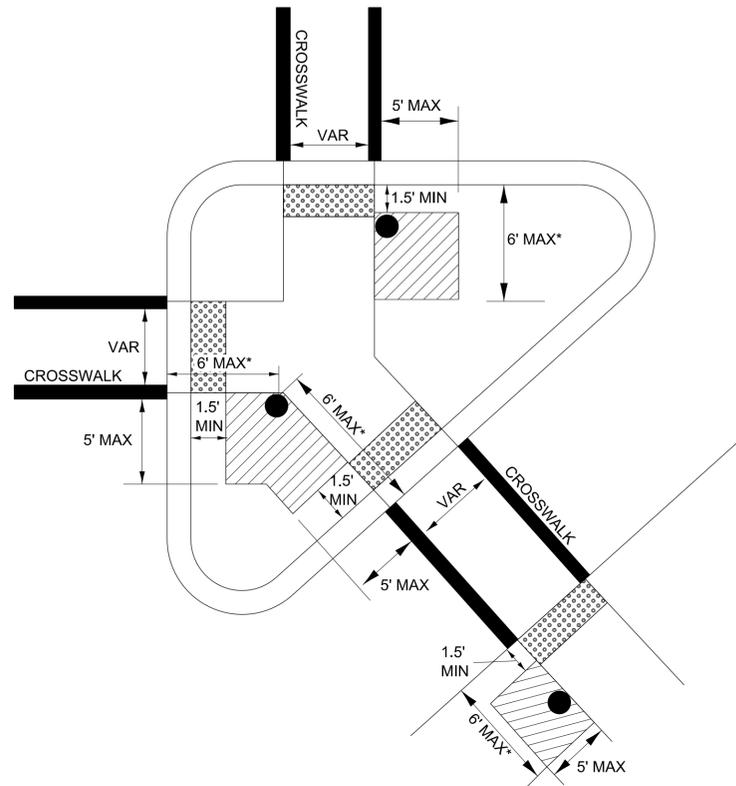
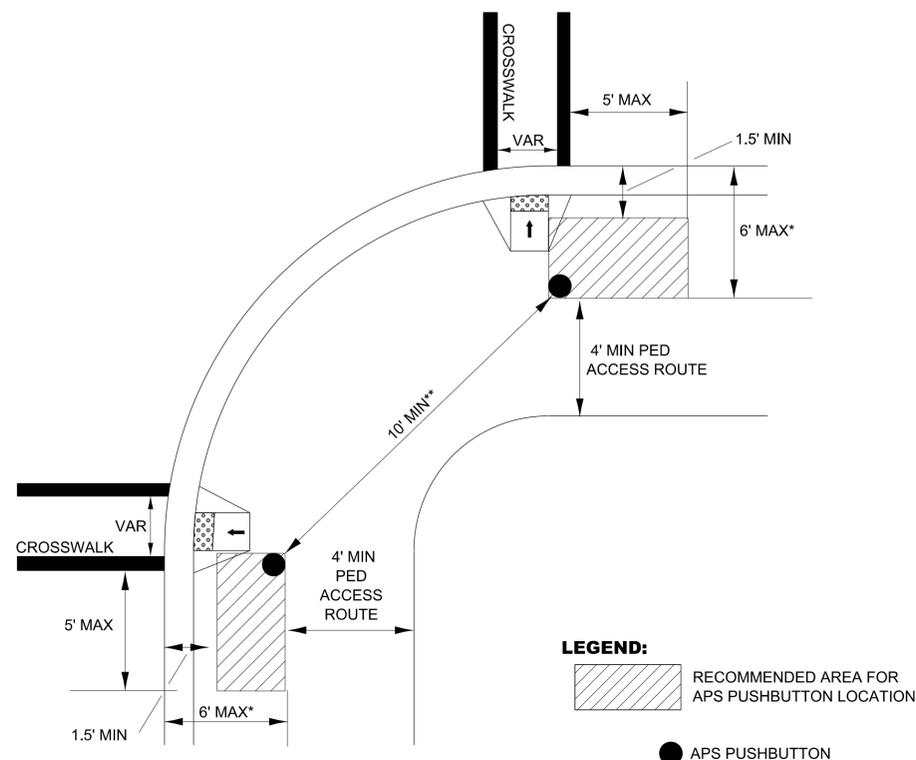


FIGURE 1 NOTES:

APS PUSHBUTTON SHOULD NOT BE GREATER THAN 5 FT. FROM THE OUTSIDE EDGE OF THE MARKED CROSSWALK FARTHEST FROM THE INTERSECTION.
 APS PUSHBUTTON SHALL NOT BE FARTHER FROM THE CROSSWALK THAN THE STOP LINE, IF PRESENT.

GENERAL NOTES

- ⊕ PUSHBUTTONS SHALL BE LOCATED BETWEEN 1.5' TO 6' BACK FROM EDGE OF CURB, SHOULDER OR PAVEMENT. WHERE THERE ARE CONSTRAINTS TO MAKE IT IMPRACTICAL TO INSTALL WITHIN THIS RANGE, THE PUSHBUTTON SHOULD NOT BE FURTHER THAN 10' FROM EDGE OF CURB, SHOULDER OR PAVEMENT.
- ⊕⊕ PUSHBUTTONS LOCATED IN THE SAME CORNER OF INTERSECTION SHALL BE 10-FT APART. WHERE PHYSICAL CONSTRAINTS MAKE IT IMPRACTICAL TO PROVIDE THIS SEPARATION, THEY MAY BE PLACED CLOSED TOGETHER OR MOUNTED ON THE SAME POST. IN THIS CASE, EACH APS PUSHBUTTON SHALL BE PROVIDED WITH A SPEECH WALK MESSAGE FOR THE WALKING PERSON INDICATION AND A SPEECH PUSHBUTTON INFORMATION MESSAGE.

VERTICAL HEIGHT OF THE APS PUSHBUTTONS SHALL BE LOCATED BETWEEN 30" TO 42" (36" PREFERRED) ABOVE THE PATHWAY ELEVATION. SEE HWY STND 876001.

PUSHBUTTONS SHALL BE LOCATED WITHIN TEN (10) INCHES OF THE PEDESTRIAN ACCESS ROUTE. WHEN REQUIRED, EXTENSIONS SHALL BE INSTALLED TO COMPLY WITH THIS REQUIREMENT. THE COST OF INSTALLING THE EXTENSION SHALL BE CONSIDERED AS INCLUDED IN THE COST OF THE ACCESSIBLE PEDESTRIAN SIGNAL.

SEE ACCESSIBLE PEDESTRIAN SIGNALS (BDE) SPECIAL PROVISION FOR REQUIREMENTS NOT SHOWN IN THIS DETAIL.

FOUNDATIONS FOR PEDESTRIAN POSTS SHALL NOT PROTRUDE MORE THAN 4 INCHES ABOVE THE FINISHED GRADE / SIDEWALK

APS PUSHBUTTON INSTALLATIONS AT LOCATIONS WITH RAILROAD INTERCONNECTION OR EMERGENCY VEHICLE PREEMPTION SHALL INCLUDE AN ADDITIONAL SPEECH MESSAGE STATING "WALK TIME SHORTENED WHEN TRAIN APPROACHES" OR "WALK TIME SHORTENED WHEN EMERGENCY VEHICLE APPROACHES" TO NOTIFY PEDESTRIANS OF TRUNCATED CLEARANCE TIMES DUE TO PREEMPTION".

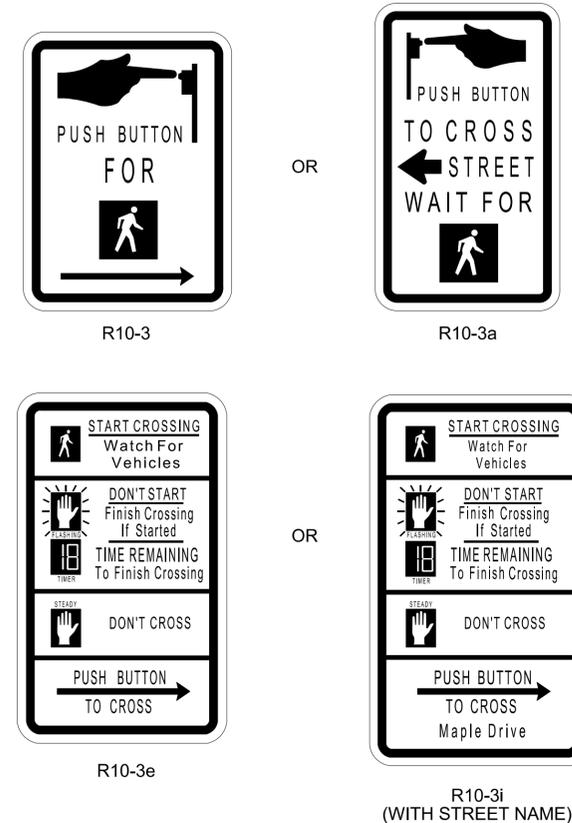
FIGURE 2 NOTES:

LARGER ISLANDS MAY REQUIRE THE USE OF THREE APS PUSHBUTTONS WITHIN THE ISLAND IN ORDER TO MEET PLACEMENT RECOMMENDATIONS.

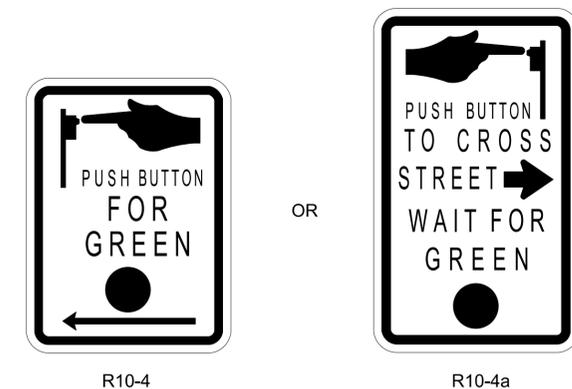
APS PUSHBUTTONS SHALL NOT BE GREATER THAN 5-FT FROM THE OUTSIDE EDGE OF THE MARKED CROSSWALK FARTHEST FROM THE INTERSECTION.

APS PUSHBUTTON SHALL NOT BE FARTHER FROM THE CROSSWALK THAN THE STOP LINE, IF PRESENT.

AT INTERSECTIONS WITH PEDESTRIAN SIGNALS



AT INTERSECTIONS WHERE PEDESTRIAN SIGNALS ARE NOT USED & PEDESTRIANS PROCEED ON GREEN SIGNAL INDICATION



DESIGNER NOTE:
 *INCLUDE ON DETAIL NEW INSTALLATIONS WHERE APS PUSHBUTTONS ARE NEEDED.
 *ADD HIGHWAY STANDARD 876001.
 *ADD ACCESSIBLE PEDESTRIAN SIGNALS SPECIAL PROVISION (BDE) AND PAY ITEM ACCESSIBLE PEDESTRIAN SIGNALS (EACH).
 *ADD PEDESTRIAN PUSH BUTTON POST PAY ITEM (EACH)
 *CONSULT WITH TRAFFIC SIGNALS SECTION FOR CONCURRENCE ON PED BUTTONS LOCATIONS & ADDITIONAL ELECTRICAL PAY ITEMS, PED HEADS, ETC. AS NEEDED.

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USER NAME = anthony.grunstad	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISIONS - _____	REVISIONS - _____
PLOT SCALE = 50,000' / in.	CHECKED - _____	REVISIONS - _____
PLOT DATE = 10/6/23	DATE - _____	REVISIONS - _____

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ACCESSIBLE PEDESTRIAN SIGNALS

SCALE: _____ SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO. _____				
ILLINOIS FED. AID PROJECT				