NEW PUSH BUTTON PEDESTAL POLE AND PLACEMENT DETAILS

CAST ALUMINUM BASE

BASE PLATE

10-9-18

4" x 48" Sch. 40 Al. Pipe

Center of Push Button

Conduit to nearest Handhole

6.75"

6.75"

4" Sch. 40 Al. Pipe

10" Dia. x 36" Concrete Fdn

Blank Cover casting

Pedestal Base

1/4" Hole and Ground Terminal

(2) Set Screws - Standard

Door Opening: 3.75" x 5.75"

1/4" Nom. casting thickness

Ground Terminal

Cement Fdn 10" Dia. x 36"

Pedestal Base

Blank Cover casting

57.5"

42"

10"

4" x 48" Sch. 40 Al. Pipe

1/4" Hole and Ground Terminal

Door Opening: 3.75" x 5.75"

1/4" Nom. casting thickness

Ground Terminal

Concrete Fdn 10" Dia. x 36"

Pedestal Base

Blank Cover casting

57.5"

42"

10"
**TYPICAL APS PEDESTRIAN PUSH BUTTON LOCATION**

This is a general detail intended to show the requirements of APS push button location. Refer to the Contract Documents for specific information regarding pedestrian ramp layout and push button pole locations.

### SUPPLEMENTAL GUIDANCE FOR CONSTRUCTING COMPLIANT APS PUSH BUTTONS

1. The face of the button shall be parallel with the outside edge of crosswalk.
2. A minimum 4-ft x 4-ft landing area shall be provided adjacent to each push button pole, with a 2 percent maximum slope in all directions.
3. Push button poles shall be within 5-ft of the outside edge of the crosswalk.
4. Push button poles shall be between 1.5-ft and 10-ft from the back of curb or edge of roadway, measured in the direction of travel. Stand-alone push button stations should be 4-ft minimum from the back of curb unless shown otherwise in the plans.
5. Push button poles shall be at least 10-ft apart.
6. Provide a 6-ft minimum clear distance between a push button pole and any obstructions, including buildings, v-curb, electrical foundations, signal cabinets.
7. Button should be 2-ft minimum from ramp grade break and back of walk.

### DEPRESSED CORNER RAMP

(Shown)

This detail applies to all designs when push buttons are at the bottom of a ramp.

### TWIN PERPENDICULAR RAMP

(Shown)

This detail applies to all designs when push buttons are at the top of a ramp.

---

**SIGNAL CONTROL POINTS**

<table>
<thead>
<tr>
<th>SIGNAL NO.</th>
<th>X</th>
<th>Y</th>
<th>DISTANCE TO FRONT OF LANDING (FT)</th>
<th>DISTANCE TO BACK OF LANDING (FT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PB2-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PB4-2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A - Distance measured from the push button pole to the front of landing/top of ramp
B - Clear distance measured from the push button pole to the back of landing/edge of walk
C - Clear distance measured from the push button pole to the outside edge of domes in the direction of travel
D - Clear distance from the push button pole to the back of landing measured in the opposite direction of travel.