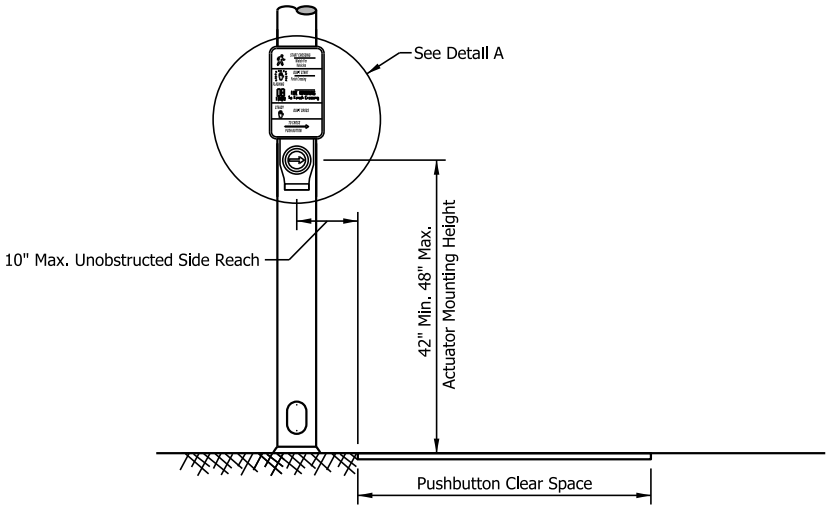
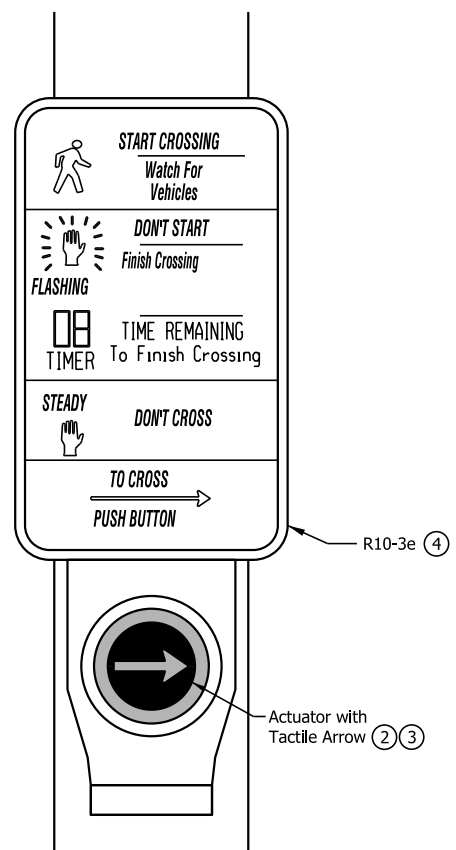


APPROACH TO PEDESTRIAN PUSHBUTTON ASSEMBLY MOUNTING



APPROACH TO PEDESTRIAN PUSHBUTTON ASSEMBLY MOUNTING

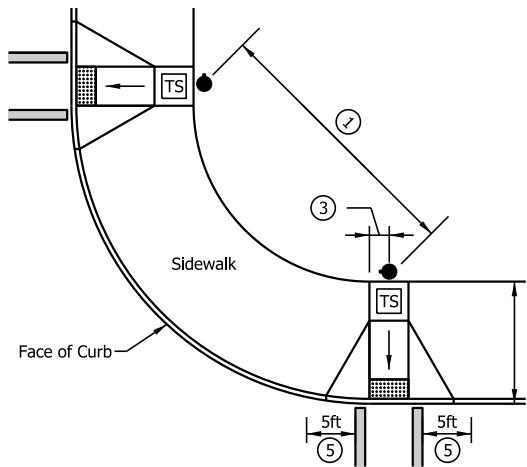


DETAIL A

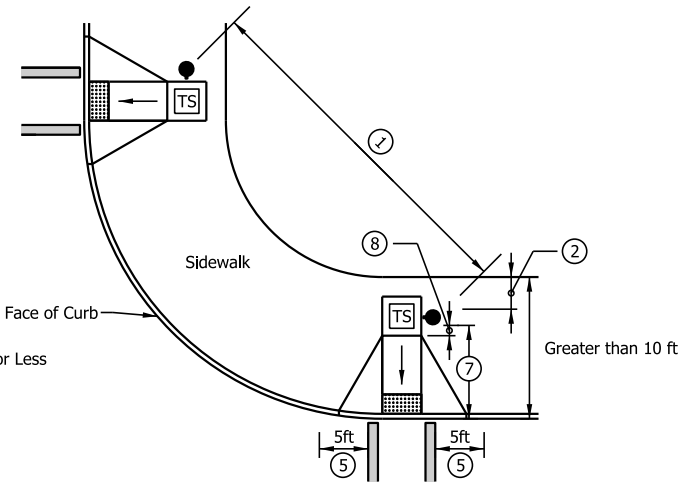
**NOTES:**

1. The face of a pedestrian pushbutton assembly shall be aligned parallel to the direction of pedestrian travel on the associated crosswalk.
2. The actuator shall be a 2-in. minimum diameter and the color shall contrast with the housing or mounting. The actuator for an accessible pedestrian signal shall vibrate during the walk interval.
3. For an accessible pedestrian signal, a tactile arrow shall be provided. The tactile arrow can be part of the actuator or can be directly above or below the actuator. The tactile arrow color shall contrast with the background.
4. Pedestrian signal signs applicable to pedestrian actuation shall be mounted immediately above or incorporated into the pedestrian pushbutton assembly. For an extended actuator press function, the R10-32P sign shall be mounted adjacent to or integral with the pedestrian pushbutton assembly.
5. Where pole placement is limited, a 6 in. or 12 in. pushbutton assembly extension may be used to meet the side reach requirements.
6. See Standard Drawing E 805-PPBA-02 and -03 for Typical Pedestrian Pushbutton Assembly Locations.

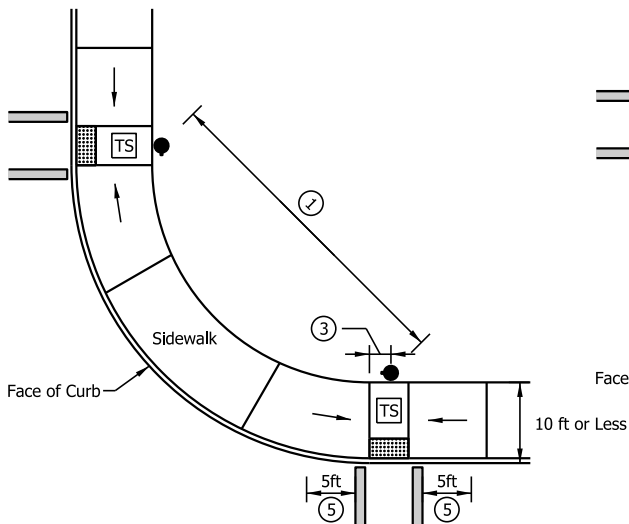
<b>INDIANA DEPARTMENT OF TRANSPORTATION</b>									
<b>PEDESTRIAN PUSHBUTTON ASSEMBLY DETAILS</b>									
SEPTEMBER 2017									
STANDARD DRAWING NO.	E 805-PPBA-01								
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black;">/s/ David H. Boruff</td> <td style="border-bottom: 1px solid black; text-align: right;">10/26/16</td> </tr> <tr> <td style="font-size: small;">DESIGN STANDARDS ENGINEER</td> <td style="font-size: small; text-align: right;">DATE</td> </tr> <tr> <td style="border-bottom: 1px solid black;">/s/ Mark A. Miller</td> <td style="border-bottom: 1px solid black; text-align: right;">11/01/16</td> </tr> <tr> <td style="font-size: small;">CHIEF ENGINEER</td> <td style="font-size: small; text-align: right;">DATE</td> </tr> </table>	/s/ David H. Boruff	10/26/16	DESIGN STANDARDS ENGINEER	DATE	/s/ Mark A. Miller	11/01/16	CHIEF ENGINEER	DATE
/s/ David H. Boruff	10/26/16								
DESIGN STANDARDS ENGINEER	DATE								
/s/ Mark A. Miller	11/01/16								
CHIEF ENGINEER	DATE								



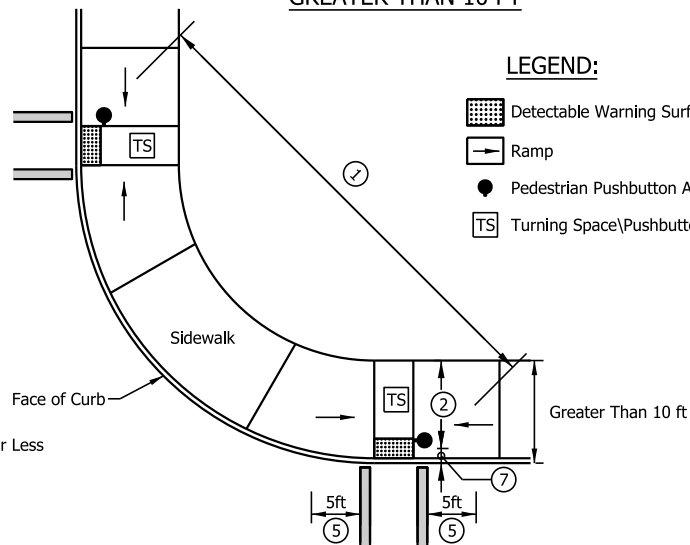
**PERPENDICULAR RAMPS  
ROADWAY TO BACK OF SIDEWALK  
10 FT OR LESS**



**PERPENDICULAR RAMPS,  
ROADWAY TO BACK OF SIDEWALK  
GREATER THAN 10 FT**



**PARALLEL RAMP  
ROADWAY TO BACK OF SIDEWALK  
10 FT OR LESS**



**PARALLEL RAMP  
ROADWAY TO BACK OF SIDEWALK  
GREATER THAN 10 FT**

**LEGEND:**

- Detectable Warning Surface
- Ramp
- Pedestrian Pushbutton Assembly
- Turning Space\Pushbutton Clear Space

**NOTES:**

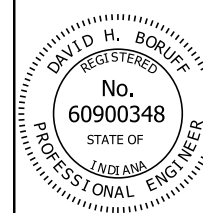
- ① Where two pedestrian pushbutton assemblies are provided on the same corner or median, the pedestrian pushbutton assemblies should be separated by at least 10 ft. Where constraints prevent a 10 ft separation, pedestrian pushbutton assemblies may be placed closer together or on the same pole. Where accessible pedestrian signal pushbutton assemblies are closer than 10 ft, the assemblies shall be in accordance with IMUTCD 4E.10.
- ② A 4-ft minimum sidewalk clear width shall be provided where a pedestrian pushbutton assembly is placed within a sidewalk. A pedestrian pushbutton assembly should be adjacent a pushbutton clear space.
- ③ A pedestrian pushbutton assembly should be centered and adjacent a pushbutton clear space.
- ④ A pushbutton clear space shall have minimum clear dimension of 4 ft x 4 ft.
- ⑤ A pedestrian pushbutton assembly should not be placed more than 5 ft outside the crosswalk.
- ⑥ A pedestrian pushbutton assembly should not be placed adjacent a ramp with a running slope greater than 2%.
- ⑦ The distance from the nearest face of a pedestrian pushbutton assembly to face of the curb or edge of pavement should be between 1.5 ft and 6 ft and should not be greater than 10 ft.
- ⑧ The distance from the nearest face of a pedestrian pushbutton assembly to a grade break should not be less than 1.5 ft.
- ⑨ See Standard Drawing E 805-PPBA-01 for Pedestrian Pushbutton Assembly Details.

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL PEDESTRIAN PUSHBUTTON  
ASSEMBLY LOCATIONS

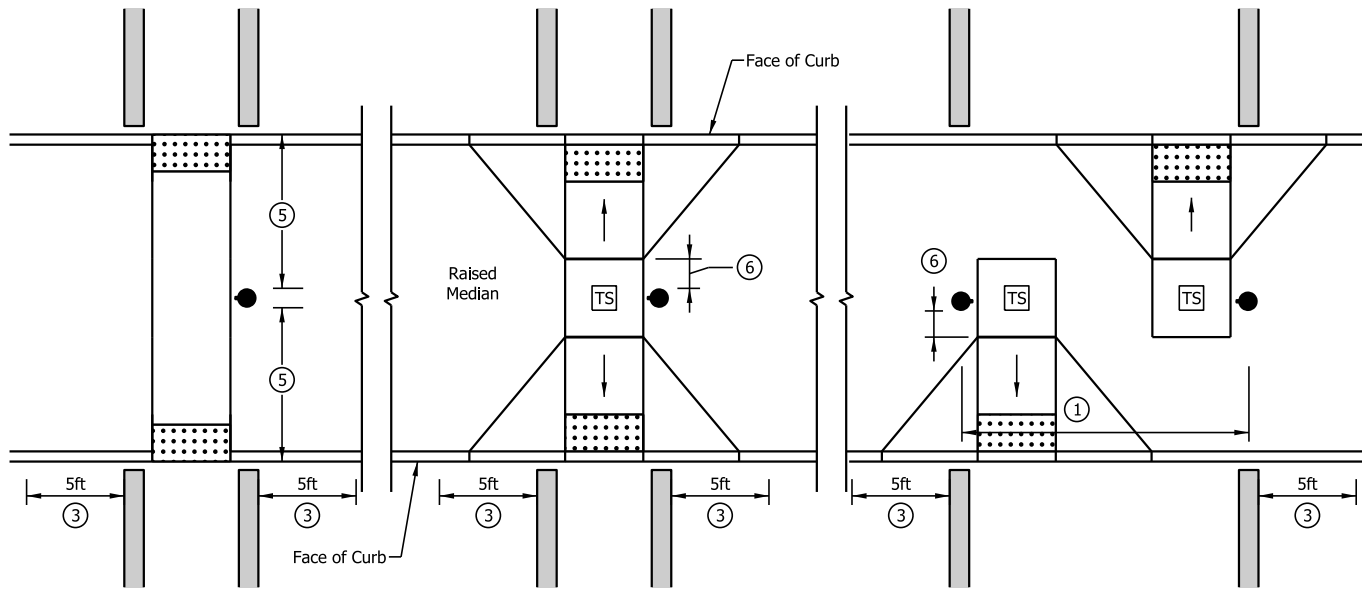
SEPTEMBER 2017

STANDARD DRAWING NO. E 805-PPBA-02



/s/ David H. Boruff 10/26/16  
DESIGN STANDARDS ENGINEER DATE

/s/ Mark A. Miller 11/01/16  
CHIEF ENGINEER DATE



**MEDIAN CROSSING**

**LEGEND:**

- Detectable Warning Surface
- Ramp
- Pedestrian Pushbutton Assembly
- Turning Space/Pushbutton Clear Space

**NOTES:**

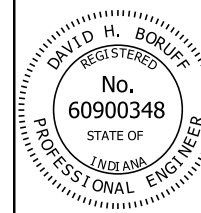
- ① Where two pedestrian pushbutton assemblies are provided on the same corner or median, the pedestrian pushbutton assemblies should be separated by at least 10 ft. Where constraints prevent a 10 ft separation, pedestrian pushbutton assemblies may be placed closer together or on the same pole. Where accessible pedestrian signal pushbutton assemblies are closer than 10 ft, the assemblies shall be in accordance with IMUTCD 4E.10.
2. A pedestrian pushbutton assembly should be adjacent a pushbutton clear space. A pushbutton clear space shall have a minimum clear dimension of 4 ft x 4 ft.
- ③ The pedestrian pushbutton assembly should not be placed more than 5 ft outside the crosswalk.
4. A pedestrian pushbutton assembly should not be placed adjacent a ramp with a running slope greater than 2%.
- ⑤ The distance from the nearest face of a pedestrian pushbutton assembly to face of the curb or edge of pavement should be between 1.5 ft and 6 ft and should not be greater than 10 ft.
- ⑥ The distance from the nearest face of a pedestrian pushbutton assembly to a grade break should not be less than 1.5 ft.
7. See Standard Drawing E 805-PPBA-01 for Pedestrian Pushbutton Assembly Details.

INDIANA DEPARTMENT OF TRANSPORTATION

TYPICAL PEDESTRIAN PUSHBUTTON  
ASSEMBLY LOCATIONS

SEPTEMBER 2017

STANDARD DRAWING NO. E 805-PPBA-03



/s/ David H. Boruff 10/26/16  
DESIGN STANDARDS ENGINEER DATE

/s/ Mark A. Miller 11/01/16  
CHIEF ENGINEER DATE