

The background is a solid blue gradient. At the top, there are several wavy, horizontal lines in shades of light blue and cyan, creating a layered, water-like effect. The main body of the slide is a darker, uniform blue.

Pedestrian Crossing Treatments

City of Middleton

Crosswalk Definition

- Wisconsin Statute 340.01 defines crosswalks as either marked or unmarked.
 - 340.01(10)(a) **Marked crosswalk.** Any portion of a highway clearly indicated for pedestrian crossing by signs, lines or other markings on the surface; or
 - 340.01(10)(b) **Unmarked crosswalk.** In the absence of signs, lines or markings, that part of a roadway, at an intersection, which is included within the transverse lines which would be formed on such roadway by connecting the corresponding lateral lines of the sidewalks on opposite sides of such roadway or, in the absence of a corresponding sidewalk on one side of the roadway, that part of such roadway which is included within the extension of the lateral lines of the existing sidewalk across such roadway at right angles to the center line thereof, except in no case does an unmarked crosswalk include any part of the intersection and in no case is there an unmarked crosswalk across a street at an intersection of such street with an alley.



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Crosswalk Markings

By policy, the City marks the following crosswalks:

- Mid-block
- Controlled intersections
 - At least one stop sign at the intersection
 - Roundabout
 - Traffic signal

Other crosswalks are unmarked

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Marked Crosswalks

- Standard – two parallel lines
 - Local roads
- Ladder type markings¹
 - Collector or arterial roads²
 - School zone

¹ The ladder type marking pattern will normally not be provided in crosswalks with a crossing surface that differs in material or color from the adjacent pavement.

² Collector and arterial roads are based on functional classification of the MPO.



**Ladder Type
Markings**

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Crosswalk Signs

- Conform to national standard Manual on Uniform Traffic Control Devices (MUTCD)
- Warning signs installed in school zones and at mid-block crosswalks
- In-Street pedestrian crossing signs may be installed per City policy
- Instructional signs will be installed at signalized crosswalk push buttons



**Mid-block
Crosswalk**

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In-Street Crossing Signs

- In-Street pedestrian crossing signs may be installed at uncontrolled approaches to marked crosswalks that meet the following minimum criteria
 - Street no more than two lanes wide
 - Speed limit no more than 30 mph
 - Average daily traffic at least 3,000 vehicles, or both AM and PM peaks at least 300 each
 - Pedestrian crossings of 200 per day, or both AM and PM peaks of 20 each
 - Crossing guard is not normally present
 - Verification of vehicles failing to yield



**In-Street
Crossing Sign**

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Signalized Push Button Signs

- Regulatory sign (MUTCD R10-3b) intended to provide instructions for use of crosswalk push buttons
- Symbols and words on sign convey meanings of pedestrian signal indications
 - WALK – Begin crossing, and watch for vehicles
 - FLASHING DON'T WALK – Don't begin, but finish crossing if started
 - DON'T WALK – Do not cross



Signalized Push Button Sign

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Red Flag Program

- Red flags have been shown to improve motorist compliance with requirement to yield to pedestrians
- Contact Middleton Police Dept. for information regarding specific intersection of interest

Sgt. Don Mueller 827-1000



Red Flags

City of Middleton

Safer Communities

- Safe Community Coalition members include police departments, citizen groups and local transportation agencies
- Information related to the red flag program, slow down yard signs, and tips for pedestrian and motorist behaviors is available on the Safer Community web site:

www.safercommunity.net/trafficsafety/index.html



**Slow Down
Yard Sign**



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Traffic Calming

- In addition to crosswalk markings, signs and the red flag program, the City is working to make pedestrian crossings more safe through use of traffic calming
- Traffic calming devices may be installed as part of the Neighborhood Traffic Management Program (NTMP)
- The full NTMP is available on the City of Middleton web site:
www.ci.middleton.wi.us
 - Navigate to Public Works, then Engineering and click on “Traffic Management Plan”