

Amber Noworatzky

From: Greg Minikel
Sent: Monday, February 14, 2022 2:16 PM
To: Elizabeth Majerus; Amber Noworatzky; Bill Schlei; Nick Reimer; Dan Koski
Subject: RE: External: Safety Concern - S. 18th St. by WAF
Attachments: IMG_0979.JPG; IMG_0982.JPG; IMG_0981.JPG; Vehicular Traffic Warning Signs.pdf; Photo Showing Proposed Signage and Location.pdf

Nick,

Here is my recommendation for the request for signage on S. 18th St. north of Franklin St. for the WAF fork lift crossing.

I have attached some photos I took today as well as typical MUTCD warning signs.

I think that we should install a yellow and black warning sign that either shows a picture of a Fork Lift if our traffic control/sign person can create it (similar to the golf cart W11-11) or make a Sign that would say Fork Lift Crossing similar to the Truck Crossing sign shown (W8-6). I would think we would use 30" by 30" signs.

One sign could be mounted to MPU Pole number 1H-3589 and the other on a new sign post in front of 818 South 18th St. which is about 250 feet north of the fork lift crossing.

I know that the sign on the wood utility pole is not very far from the actual crossing, but I do not know how you would put up signs on Franklin St. to show the fork lift crossing on the side street.

I believe it was the westbound right hand turn off of Franklin St. that is the issue or any turns off of Franklin St.

If the Committee does not like the 1st recommendation, I suppose you could install normal pedestrian crossing signs right at the concrete crossing. We could also look a painting a white line on both sides of the crossing similar to a crosswalk, but I am not sure how much that will help as the pavement is lower than the tracks so it may be hard to see. In this case, I think that signage will be more visible than any pavement markings.

After re-reading the original e-mail again, I see that they also have employees crossing there as well. I thought it was just fork lifts with an operator, hence my first recommendation.

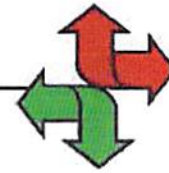
If the Committee is more comfortable with Pedestrian Crossing Signs I am fine with that too I guess. However, if the pedestrian crossing signs go up then it probably would make sense to also put down pavement markings.

The cost of the work should probably be the responsibility of WAF as they were the ones who wanted and needed this crossing.

The 2 signs would have a cost of \$400 plus or minus. Pavement Markings could be done by City Staff as well at a cost of \$100 to \$200. I would think that total cost would be in the range of \$400 to \$700.

From: Elizabeth Majerus
Sent: Wednesday, February 2, 2022 4:01 PM
To: Amber Noworatzky <anoworatzky@manitowoc.org>; Greg Minikel <gminikel@manitowoc.org>; Bill Schlei

Manual on Uniform Traffic Control Devices (MUTCD)

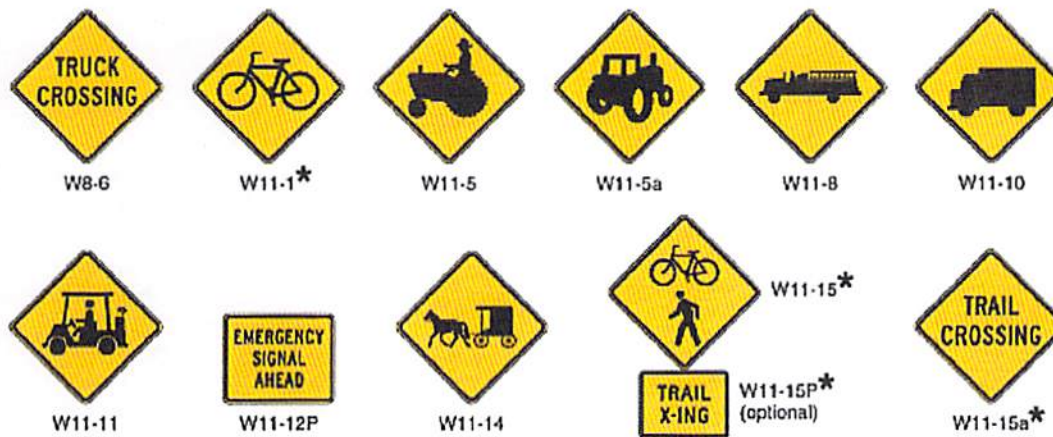


Knowledge

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2009 Edition Part 2 Figure 2C-10. Vehicular Traffic Warning Signs and Plaques

Figure 2C-10. Vehicular Traffic Warning Signs and Plaques



* A fluorescent yellow-green background color may be used for this sign or plaque.

Figure 2C-10. Vehicular Traffic Warning Signs and Plaques

This figure shows 12 vehicular traffic warning signs and plaques. They are yellow with black borders and legends.

W8-6 is shown as a diamond-shaped sign with the words "TRUCK CROSSING" on two lines.

W11-1 is shown as a diamond-shaped sign with a symbol of a left-facing bicycle. A note states: "A fluorescent yellow-green background color may be used for this sign or plaque."

W11-5 is shown as a diamond-shaped sign with a symbol of a left-facing tractor and driver.

W11-5a is shown as a diamond-shaped sign with an oblique symbol of a tractor.

W11-8 is shown as a diamond-shaped sign with a symbol of a left-facing fire engine.

W11-10 is shown as a diamond-shaped sign with a symbol of a left-facing box truck.

W11-11 is shown as a diamond-shaped sign with a symbol of a left-facing golf cart.

W11-12P is shown as a horizontal rectangular supplemental plaque with the words "EMERGENCY SIGNAL AHEAD" on three lines.

W11-14 is shown as a diamond-shaped sign with a symbol of a left-facing horse and closed buggy.

W11-15 is shown as a diamond-shaped sign with a symbol of a left-facing bicycle above a symbol



TRUCK
CROSSING

W8-6



W11-11

PAVING
ROAD





