

WORK ZONE BULLETIN #7/2017

“Workers Present When Flashing” Signs

****“Workers Present When Flashing” signs are currently trial devices. Project Sponsors may choose to use this device on projects that meet the criteria below. Details outlined in this bulletin may be modified in the future based on the results of the trials.****

Summary

This Bulletin is issued to inform consultants, contractors and department staff of the department’s practice for the use of “Workers Present When Flashing” signs.

These signs are a new addition to the department’s sign catalogue and are intended to provide real-time information to motorists about the presence of workers in a construction zone. The signs are equipped with two amber beacons that will flash continuously when workers are present to warn motorists of the increased risk and the higher penalties for speed limit violations.

Key Changes

Type of Project

“Workers Present When Flashing” signs should be applied for stationary long duration projects that are five days or more, where workers are present on the road surface including the shoulders, and there is a speed limit reduction. Examples of projects where they might be used include roadway grading, widening, or bridge repair.

Sign Standard and Placement

“Workers Present When Flashing” signs are 1200 x 600 mm orange warning signs. Two 200 mm amber LED beacons are attached to the top of the sign as shown in Drawing WD-156. These lights are warning beacons that flash continuously. Flash rate and other operational considerations shall follow “Recommended Practices for Beacons”. The LED specifications shall be in accordance with “Design Bulletin #32/2006”.

“Workers Present When Flashing” signs are placed between the “Maximum Speed Limit Ahead” (RB-5) sign and the “Speed Limit” (RB-1) sign. Drawing TCS-B-4.9 shall be used as a reference when incorporating the “Workers Present When Flashing” sign into the project signage strategy. The sign is placed near the start of the lowest speed limit zone. It is not placed in advance of a transition speed zone.

Use

The amber beacons must be turned off when workers are no longer present in order to maintain sign effectiveness. "Speed Fines Double" signs, if applied, shall be covered when the amber beacons are turned off. Use of "Speed Fines Double" signs shall be in accordance with "Work Zone Bulletin #3/2017". When these signs are applied in conjunction with the "Workers Present When Flashing" sign, the signs will reinforce the effect that the workers' presence has on speed limit violations.

Effective Date

May 9, 2017

Contact

Elena Yin at (780) 415-4827

Operations, Programming and Planning Branch, Alberta Transportation

References

["Recommended Practices for Beacons"](#)

["Design Bulletin #32/2006"](#)

"Work Zone Bulletin #3/2017"

Approved

*Original signed
by Tom Loo*

Tom Loo
Assistant Deputy Minister, Delivery Services Division


WORKERS PRESENT WHEN FLASHING

WD-156



LETTERING: 102mm SERIES C

SECTION REFERENCE		
DIMENSIONS (mm)		1200 X 600
ENLARGEMENT FACTOR		8 X
COLOUR		
BACKGROUND	BORDER	MESSAGE / SYMBOL
ORANGE	BLACK	BLACK

Alberta 
Transportation