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Date: Wed 26 Feb 2014 6:20 AM
To: <dan.onischuk@gmail.com>; <lettertoed@thestar.ca>; <opinion@brandonsun.com>; <letters@thestarphoenix.com>; <letters@montrealgazette.com>; <publiceditor@globeandmail.com>; <letters@edmontonjournal.com>; <letters@herald.ca>
Subject: update: Make Bad Weather Driving Safer

update> found some good ambient light testing info: <http://www.ndt-ed.org/EducationResources/CommunityCollege/PenetrantTest/Introduction/lightresponse.htm>

looks like about 550 nm would be optimal for combined night-day use, making optimal color for dim light a slightly darker shade of florescent green.

From: dan.onischuk@gmail.com
Sent: Tuesday, February 25, 2014 10:00 PM
To: lettertoed@thestar.ca ; opinion@brandonsun.com ; letters@thestarphoenix.com ; letters@montrealgazette.com ; publiceditor@globeandmail.com ; letters@edmontonjournal.com ; letters@herald.ca
Subject: Make Bad Weather Driving Safer

Making Bad Weather Driving Safer

2014 Feb 18

Roads would become safer for driving, cyclists and pedestrians by giving vehicle drivers a clearer indication of their relative lane position and especially for the road edge boundaries.

Driving in blowing snow of winter, in fog and heavy rains can be made much safer by painting the roadways white lines a fluorescent lime green color. This will provide helpful color contrast in foggy conditions and during winter snow season.

The lime green color possibly most favourable near to the green color human eyes are most sensitive to, while compensating for better night luminosity afforded by yellowing to lime green color tone. The color suggested is often seen on safety apparel.

Crosswalks and turning lane easements could remain white to distinguish them from driving lanes.

Perhaps the centreline could be a bold luminous orange like that used in traffic signs? Would help at night and in fog as most lights are high pressure sodium which emits light that tends to mask the yellow line presently being used.

Traffic Lights

Collisions at intersections may be reduced by having a 2-3 second delay before switching lights to green, thus giving vehicles a chance to clear intersections and allow for possible red light running violations.

Flashing green traffic lights are commonly used in Vancouver, BC to indicate that traffic lights are about to change to amber. Typically a ten to fifteen second grace period is indicated, which should be standardized to avoid dangerous surprises.

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