Report to NCUTCD on Canadian National Committee (TOMSC) Spring & Fall 2014 Meetings

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Crystal City, Virginia

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Spring 2014 TOMSC Meeting

Ottawa, Ontario – April 11-12, 2014
Approved for Canadian MUTCD

- Loading Zone symbols for Parking

Regulatory Signs

- Commercial: RB-110
- General Public: RB-111
- Passengers: RB-112
Approved for Canadian MUTCD

- 2nd Train Event symbol

![2nd Train Event symbol](image.png)
Approved for Canadian MUTCD

1. Water Flooding on Roadway Warning Sign

2. Low Clearance Warning Sign

These Manitoba signs found to have best comprehension
Rectangular Rapid Flashing Beacons (RRFB) Guide
RRFB Recommendations

- RRFB approved as a traffic control device, to be placed **above** sign.
- RRFB be **limited in its use** to pedestrian-activated, side mounted installations at marked and signed pedestrian and school crosswalks and at roundabouts.
- Update the Canadian Pedestrian Crossing Control Guide to recognize the RRFB and its associated systems, including the development of warrants for its use.
RRFB Typical Application for Canada

Layout shows recommended components

Ensure provision of:
- Adequate sight distance
- Artificial lighting
- Curb cuts and ramps
- Sidewalks and crosswalk access

Desirable components (not shown):
- Zebra Crosswalk markings
- No stopping 30m prior to crossing and 15m following the crossing

Desirable components (not shown):
- Crossing guards

Legend:
- Indicates direction of RRFB display

Typical RRFB installation with RA-4R, mounted back to back with RA-4L
Digital and Projected Advertising Displays (DPAD):
Regulatory and Road Safety Assessment Guidelines

On-premise DPAD

Off-premise DPAD
Recommended Guidelines

Guidelines

- Sign operations
  - 18 guidelines for intrinsic sign characteristics

- Sign placement
  - 6 guidelines for restrictions at key decision-making points
Recommended Sign Placement Guidelines

- Define restriction areas around:
  - Interchanges
  - Pedestrian and railway crossings
  - Work zones
  - Roundabouts
  - Signalized intersections
Recommended Sign Placement Guidelines

Interchange

Roundabout

* DPAD restriction areas based on the proximity to other key decision making points should also be evaluated.
Recommended Sign Placement Guidelines

3-Dimensional Restricted Area, based on:
Speed, # of Lanes, Location of Signals, Cone of Vision, etc.
New Projects

- **Project #337** -- Warrants for Use of Rectangular Rapid Flashing Beacons
- **Project #338** -- Development of the 6th Edition of the MUTCD-C (based on Strategic Plan)
- **Project #339** -- Potential Use of Fluorescent Yellow-Green Pedestrian Crosswalk Signs as a Standard Device in the MUTCD-C
New Symbols Added to Canadian MUTCD in Recent Years

- Comprehension Tested, Approved:
  - Multi-way Stop Tab
  - Wind Gusts
  - Vertical Visibility Constraints (Hill Blocks View)
  - Passing Lane
  - Peds Cross Other Side
2015 TOMSC Meetings

Ottawa -- April 17-18

Charlottetown, Prince Edward Island -- Sept. 26-27
THANK YOU

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