

To: All HQ Directors: Operations, Planning & Major Projects  
All Regional Directors  
All District Managers, Transportation  
Manager, Provincial Sign Shop

**Subject: MoT's and Provincial Emergency Program's (PEP's) Tsunami sign program.**

**Purpose:**

This Technical Circular introduces MoT's policy regarding the placement of Tsunami information signs along MoT roadways in the province. For road users and the citizens of coastal communities in BC, the signs provide information on evacuation routes and evacuation sites. The signs will be placed at selected sites within coastal communities and in the interface areas adjacent to their community boundaries."

**Background:**

Recent Tsunami events in the Indian Ocean (December 26<sup>th</sup>, 2004) have led North America's pacific coast emergency-management officials to develop a common signing procedure to deal with public preparedness for Tsunami events. PEP, as part of the Tsunami Integrated Preparedness (TIP) project is the lead agency for this signing program in British Columbia. PEP will launch BC's Tsunami sign program as a series of pilot projects with several coastal communities that lie within inundation areas as defined by PEP.

**Scope and Application:**

PEP in conjunction with coastal local authorities will be responsible for the cost of both installation and maintenance of tsunami signs within their communities. PEP and the local authorities will also be responsible for the costs associated with tsunami signs placed on MoT roadways that lie near their community boundaries.

MoT regional and district staff will provide the appropriate permits for the placement of signs, along with information that ensures all signs installed are in compliance with MoT sign standards. The signs to be installed and their location are as follows:

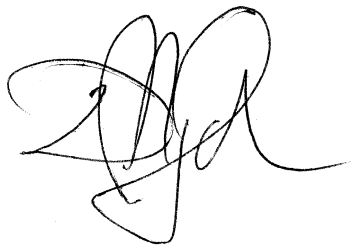
- 1) PEP and local emergency-management officials will designate the routes and locations for placement of the **Tsunami Evacuation Route** signs on Provincial roadways, and on local streets and roads.
- 2) PEP and local emergency-management officials will determine the locations for **Entering/Leaving Tsunami Hazard Zone** signs used to delineate the boundary of defined inundation areas on Provincial roadways, and local streets and roads.

- 3) PEP and local emergency-management officials will designate sites and locations for the placement of the **Evacuation Site** sign, which directs road users (including pedestrians and bicyclists) to safe areas.
- 4) PEP and local emergency-management officials will determine the appropriate locations for **Tsunami Hazard Zone/ In Case Of Earthquake Go To Higher Ground Or Inland** signs. These signs may be posted in various locations throughout a community such as marinas, dock yards, parking lots, public parks and beaches.

Attachments – sign records

**Contact:**

Jerry Froese, P.Eng., M.Eng., PTOE  
Senior Traffic Engineer  
Engineering Branch  
(250) 387-7583

A handwritten signature in black ink, appearing to read 'Dirk Nyland', with a stylized, cursive script.

Dirk Nyland, P.Eng.  
Chief Engineer



**SIGN USE:**

For use on Non-Ministry right of way within cities and municipalities. Application in the field must be approved by the PEP (Provincial Emergency Program) coordinator.



SIGN ITEM #	DIMENSIONS (W x H) (mm)	REFLECTIVITY	SUBSTRATE / SIGN BLANK #	SCALE RATIO	COLOUR	
					BACKGROUND	BORDER \ MESSAGE
I-200a	600 x 600	ASTM Level 1	Custom AL SB	5	Wh	Blu



**SIGN USE:**

For use on Ministry of Transportation right of way. Application in the field must be approved by the PEP (Provincial Emergency Program) coordinator.



SIGN ITEM #	DIMENSIONS (W x H) (mm)	REFLECTIVITY	SUBSTRATE / SIGN BLANK #	SCALE RATIO	COLOUR	
					BACKGROUND	BORDER \ MESSAGE
I-200ax	750 x 750	ASTM Type 1	Custom AL SB	6	Wh	Blu



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					BACKGROUND	BORDER \ MESSAGE
I-200b	600 x 600	ASTM Type 1	AL SB-33	5	Wh	Blu



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					BACKGROUND	BORDER \ MESSAGE
I-200bx	750 x 750	ASTM Type 1	AL SB-39	6	Wh	Blu



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					BACKGROUND	BORDER \ MESSAGE
I-200cx	750 x 750	ASTM Type 1	AL SB-39	6	Wh	Blu





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					BACKGROUND	BORDER \ MESSAGE
I-200d	750 x 600	ASTM Type 1	AL SB-38	6	Blu	Wh



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SIGN ITEM #	DIMENSIONS (W x H) (mm)	REFLECTIVITY	SUBSTRATE / SIGN BLANK #	SCALE RATIO	COLOUR	
					BACKGROUND	BORDER \ MESSAGE
I-200dx	900 x 750	ASTM Type 1	AL SB-41	7	Blu	Wh



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					BACKGROUND	BORDER \ MESSAGE
I-200e	600 x 750	ASTM Type 1	AL SB-35	5	Wh	Blu



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					BACKGROUND	BORDER \ MESSAGE
I-200ex	750 x 900	ASTM Type 1	AL SB-41	6	Wh	Blu



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Tab accompanies evacuation route and evacuation site signs where multiple zones apply



SIGN ITEM #	DIMENSIONS (W x H) (mm)	REFLECTIVITY	SUBSTRATE / SIGN BLANK #	SCALE RATIO	COLOUR	
					BACKGROUND	BORDER \ MESSAGE
I-200Ta	600 x 200	ASTM Type 1	AL SB-28	5	Wh	Blu



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I-200Tax	750 x 300	ASTM Type 1	AL SB-37	6	Wh	Blu



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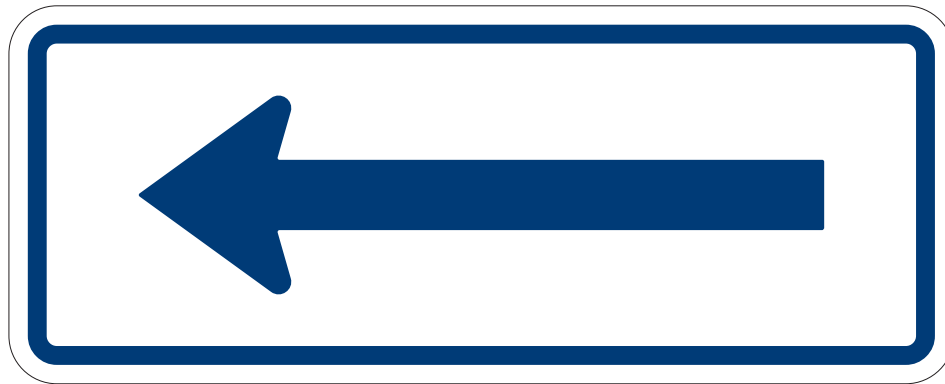


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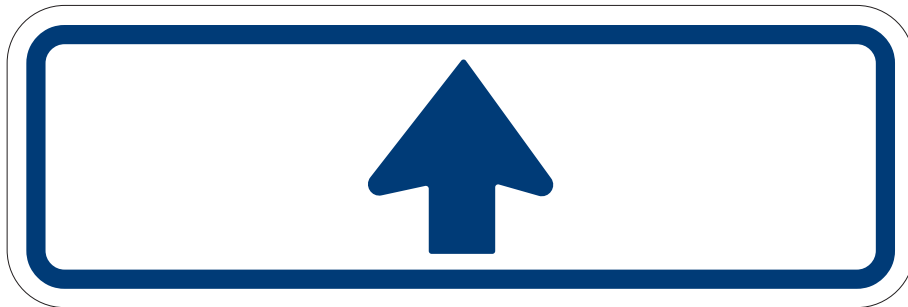


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					BACKGROUND	BORDER \ MESSAGE
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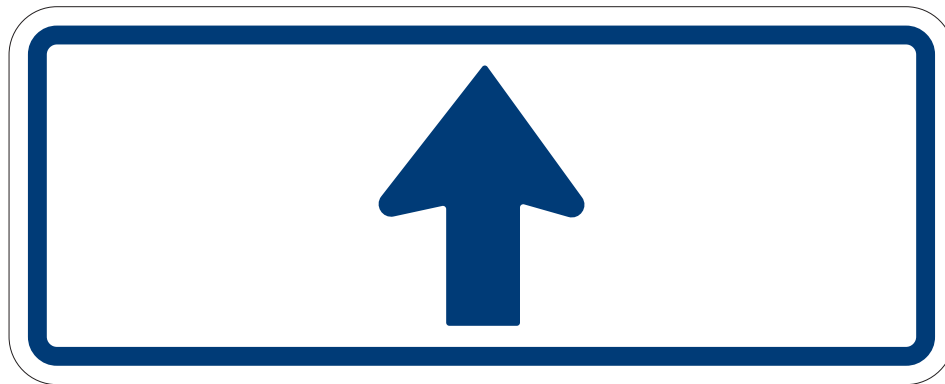


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