

MEASURES FOR PREVENIENTING DROPPING SNOW FROM ROAD ACCESSORIES ON EXPRESSWAYS

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0. CONTENT

1.Introduction

2.NEXCO Maintenance Tohoku's expressway management

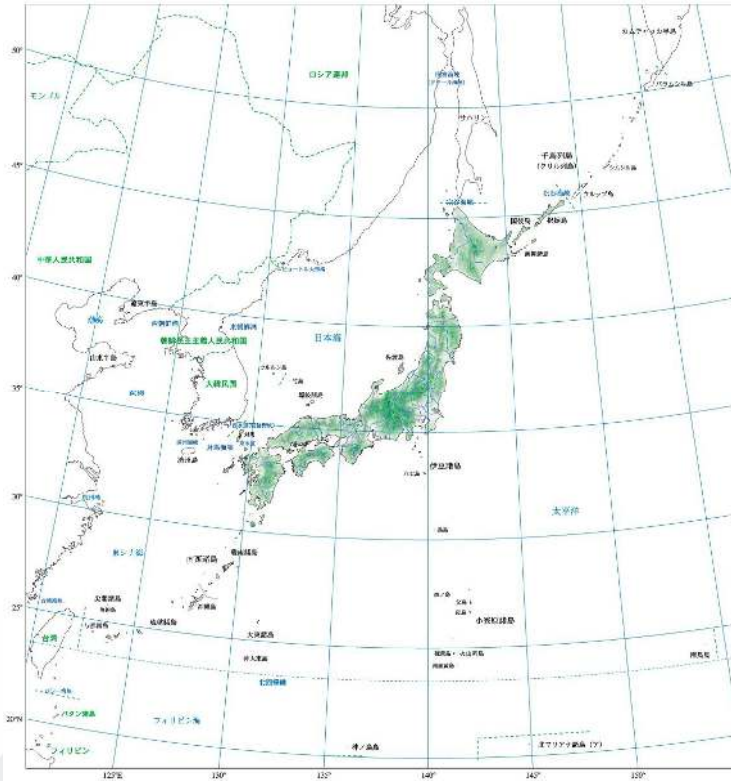
3.Challenges involved in our work with measures to counter snow and ice

4. Measures for beam members of gate type road signs

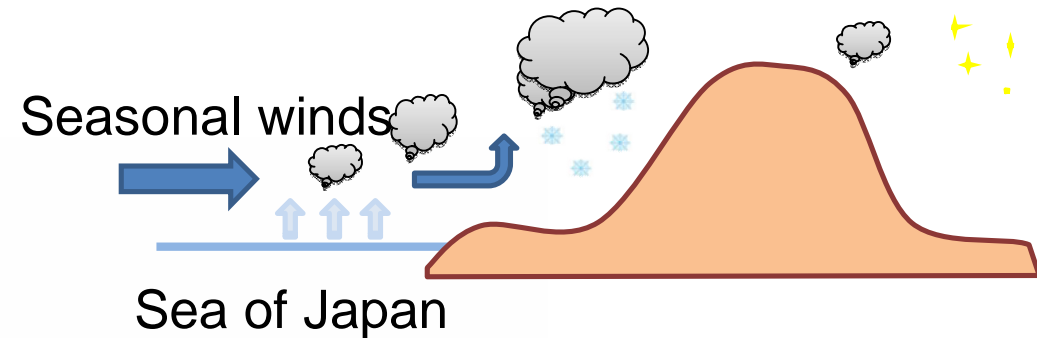
5. Measures for wall balustrades of bridges and overpasses

6.Conclusion

1. INTRODUCTION



Tohoku Region is characterized by many areas with heavy snow



2. NEXCO Maintenance Tohoku's expressway management



3. Challenges involved in our work with measures to counter snow and ice

Various structures have been installed along expressways.

① Gate type road signs

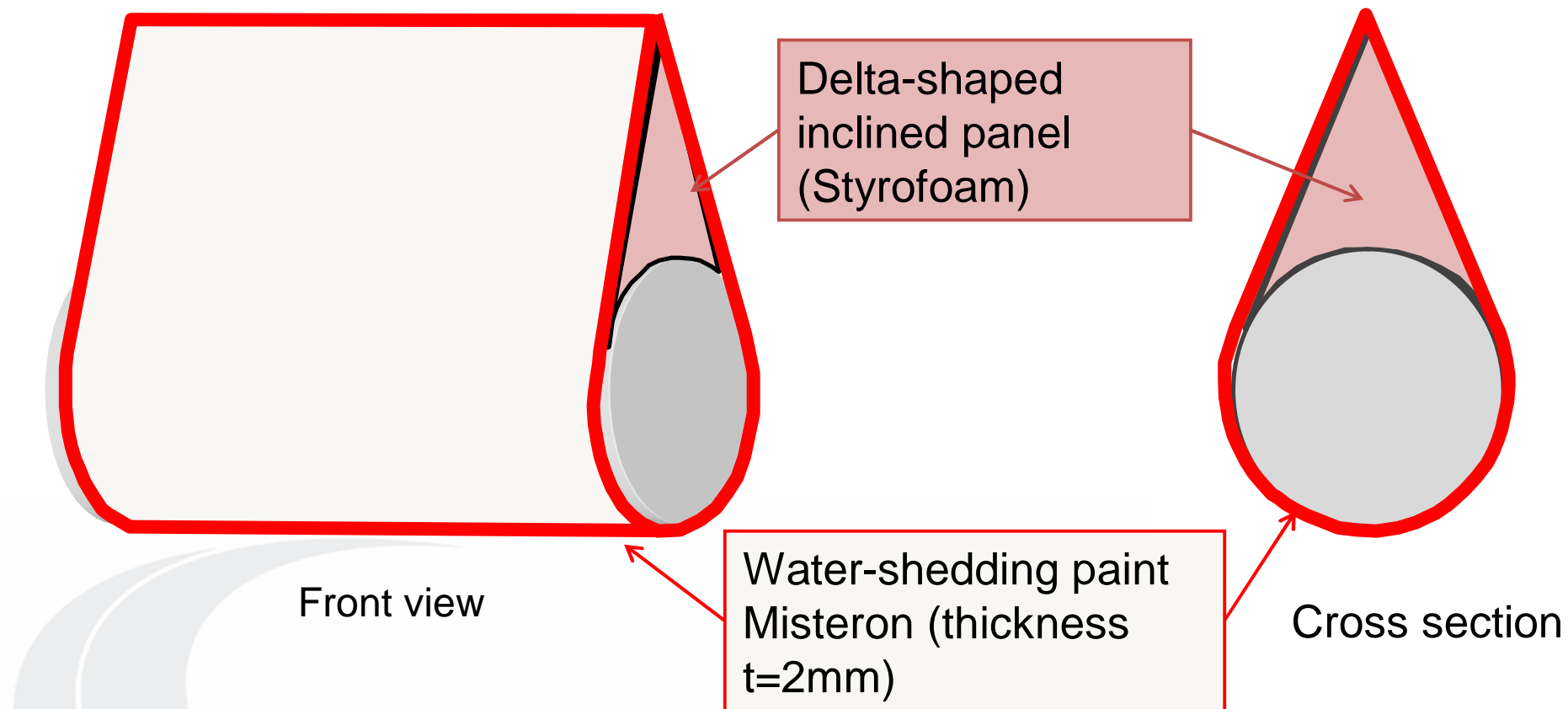


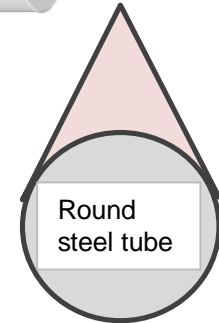
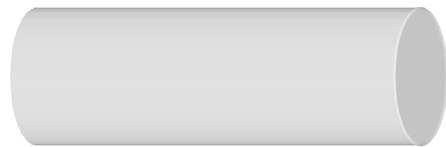
② Overpass



4. Measures for beam members of gate type road signs



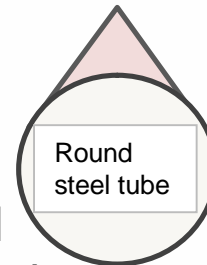




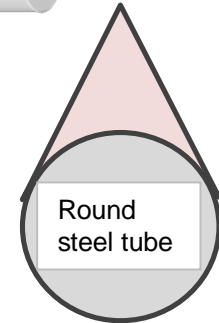
Test piece 1
Water-shedding paint
applied to surface



Test piece 2
60° inclined panel
Water-shedding paint
applied to surface



Test piece 3
67.5° inclined panel
Water-shedding paint
applied to surface





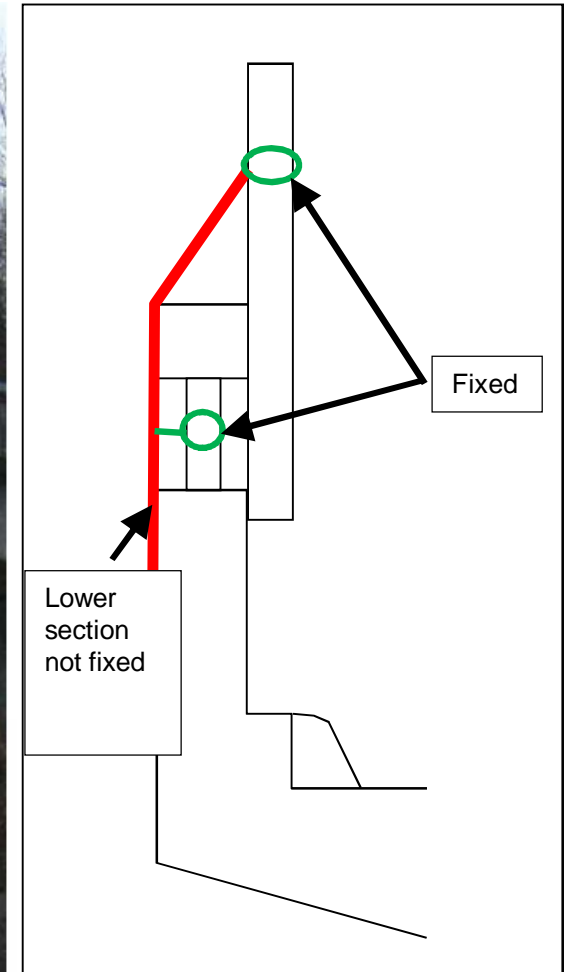


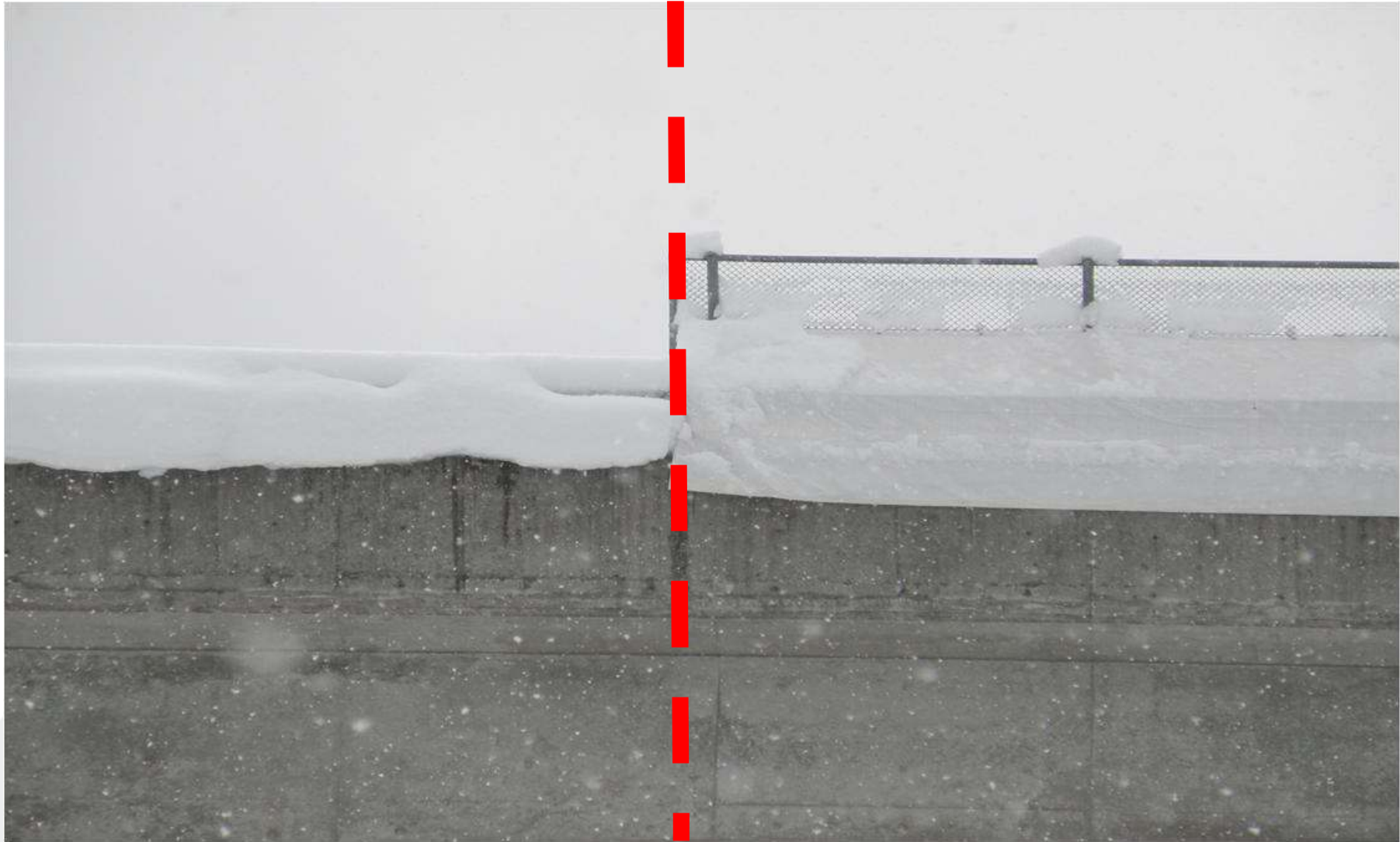


5. Measures for wall balustrades of bridges and overpasses









6. Conclusion

There is a need to provide a safe expressways

