

**NAME:** Peyto Lake Viewing Platform

**LOCATION:** Hwy 93N approx. 25 km from Trans Canada Highway

**YEAR CONSTRUCTED:** Unknown

**PARK:** Banff National Park

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FOR INFORMATION ONLY

**GPS Data:**

Attribute	Latitude	Longitude	Elevation
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**ELEVATION LOOKING NORTH (TOWARDS PARKING LOT)**

**NOTES**

1. Two level treated wood viewing platform.
2. Concrete foundations
3. 200mm x 200mm treated wood columns
4. 200mm x 200mm treated wood stringers

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**Current Inspection Date:** September 23, 2010      **Date of Previous Inspection:** N/A



ELEMENT	OBSERVATIONS	PREVIOUS CONDITION RATING	CURRENT CONDITION RATING	PRIORITY CODE
<b>Embankments: (S)</b>	Steep embankments mixed with gravel and vegetation to the east of the platform; no issues noted. (P03, P04)	-	4	D
<b>Foundations: (P)</b>	Circular concrete foundation projecting above ground 0 mm to 400 mm. No issues noted.	-	6	D
<b>Approaches: (A)</b>	Two separate chipseal approaches from parking lot to platform. Steepest grade is approx. 10% or more. Poor drainage and uneven surface causing icy surface and creating hazardous conditions. (P05) Approach hand railings do not meet NBCC (too low). (P06)	-	2	U, S
<b>Columns: (P)</b>	Treated columns resting on concrete foundations ranging in height from 100 mm to 1000 mm. Eight columns each supporting upper level and lower level. (P07) Bark remaining on edges of columns typical and needs to be removed to prevent decay or acceleration of decay. (P08) Significant splits common but functional. Approx. 20% of columns not fully bearing on concrete foundation; remove existing deteriorated wood shims and install/replace shims to obtain proper contact. (P09) Remove soil accumulation around base of columns to minimize onset or acceleration of wood decay. (P10)	-	4	B, M

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<b>Stringers: (P)</b>	Treated stringers 200mm x 200mm in dimension and generally in good condition. Remove debris accumulation on top of stringers as part of regular maintenance program. (P11)	-	5	D, M
<b>Joists/Edging: (S)</b>	Treated joists, 38mm x 184mm (2"x8") in dimension spaced at 400mm; moderate splits/checks at less than 10%.	-	4	D
<b>Connections: (P)</b>	<u>Concrete Foundation/Columns</u> Galvanized plate connecting foundations to columns. Galvanizing in tact and in good condition. Approx. 10% of connections bent or not installed to accommodate low column height but functional. (P12) <u>Railings/Posts</u> Galvanized carriage bolts connecting railings and posts; no issues noted.	-	4	D
<b>Deck/Treads: (P)</b>	Treated deck and stair treads, 38mm x 140mm (2"x6") dimensions. Treatment remaining only at 10% of top surface. Wear and abrasion typical but overall deck is still functional; nails are protruding slightly due to wear and abrasion. (P13,14)	-	4	D
<b>Diaphragms: (S)</b>	Untreated 1"x1" cross bracing used between joists at halfway point of stringers and treated 2"x8" diaphragms used above stringers. One cross bracing disengaged from joist and requires reconnection. One diaphragm split, end to end, and requires replacement. (P15)	-	4	B
<b>Railings/Guards: (S)</b>	Treated wood posts, top and mid railings. Railing dimensions are 38mm x 140mm (2"x6"). Post dimensions are 89mm x 140mm (4"x6"). Post exhibit moderate splits/checks at less than 20% of locations. (P16) Current height from top of deck to top of railing is 850mm. Top handrail is treated and needs to be replaced with untreated wood as per PCA Directive. Bench seats should also be replaced with untreated wood. (P17) Top handrails of stairs from upper to lower level replaced with untreated wood (date unknown) ; no issues noted.	-	3	B

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<b>Clearance:</b>	Top of deck to top of ground at maximum location	N/A	N/A	N/A
<b>Maximum distance from water/ground</b>	equals 1.5 metres.			



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**P01: VIEW OF UPPER PLATFORM LOOKING SOUTH AT PEYTO LAKE**



**P02: VIEW OF LOWER PLATFORM LOOKING SOUTH AT PEYTO LAKE**



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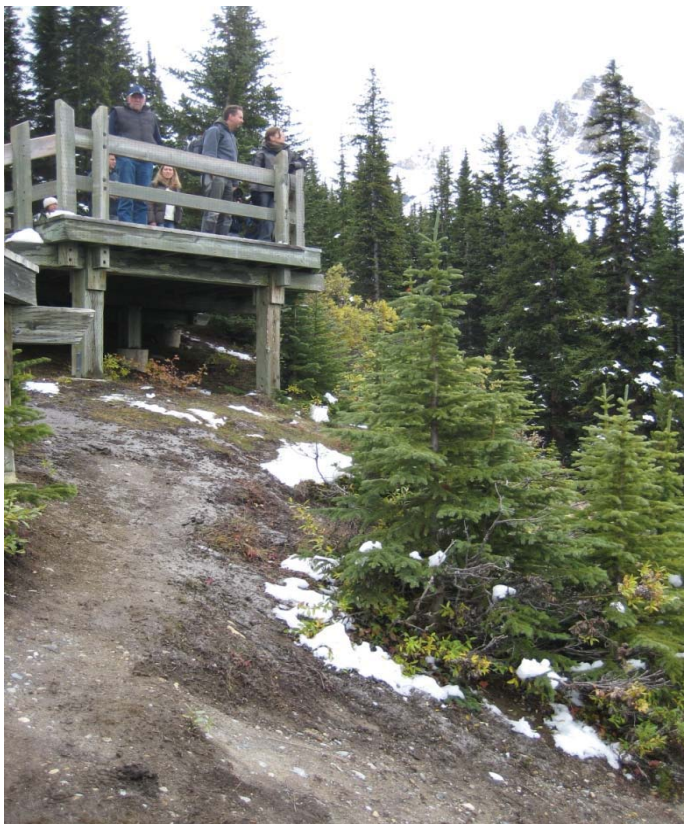
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**P03: LOOKING SOUTH AT EMBANKMENTS**



**P04: UPPER LEVEL AND EAST EMBANKMENT LOOKING NORTH**



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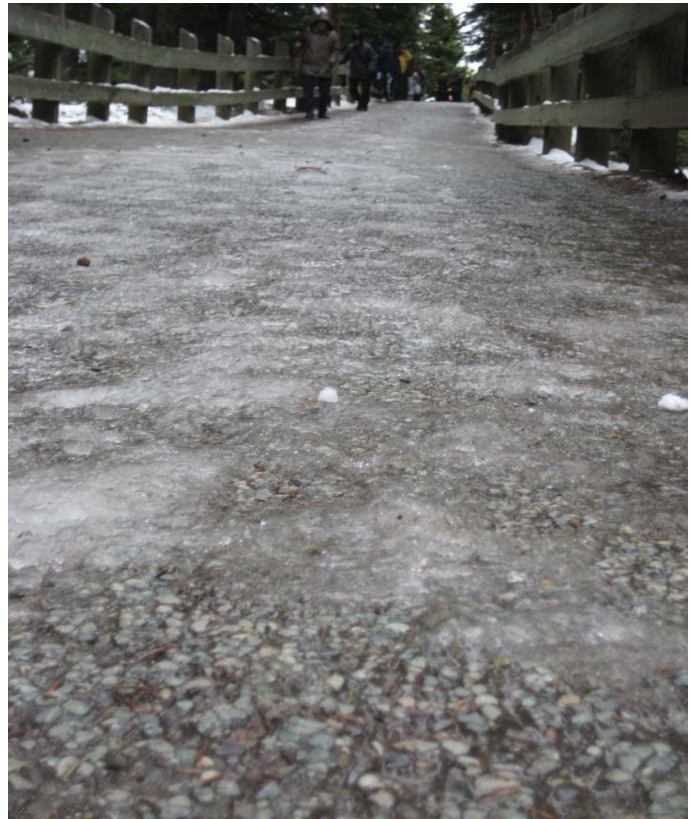
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**P05: EAST APPROACH LOOKING NORTH AT  
ICEY WALKING SURFACE**



**P06: EAST APPROACH LOOKING NORTH. NOTE LOW HEIGHT OF HANDRAILING**

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**P07: TYPICAL COLUMNS LOOKING NORTH AT LOWER LEVEL**



**P08: BARK ON EDGES OF COLUMNS**



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**P09: SPLITS IN COLUMN AND POOR BEARING CONTACT WITH FOUNDATION**



**P10: DEBRIS ACCUMULATION AROUND COLUMN BASE**

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**P11: DEBRIS ACCUMULATION ON STRINGERS**



**P12: BENT SPLICE PLATE**



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**P13: WEAR AND ABRASION ON DECK BOARDS**



**P14: STAIRS AND STAIR TREADS**



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**P15: SPLIT DIAPHRAGM ABOVE STRINGER (LOWER LEVEL)**



**P16: TYPICAL MID-RAILING AND POSTS. NOTE SPLIT ON POST (REFER TO PHOTO ABOVE).**

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**P17: NOTE TREATMENT IN TOP  
HANDRAILING AND OVERALL LOW  
BARRIER HEIGHT.**