

Deck Drainage

• For timber decks or steel grating

→ not on TT, TH & PT forms

• water ponded on the deck rate 4 or less

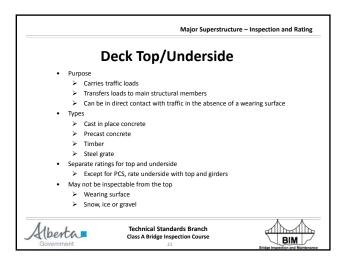
• water ponding is a hazard rate 2

• drains leak or downpipes too short rate 4 or less

• ponding, leakage or discharge causes significant deterioration of deck, curbs, girders or substructure rate 3 or less

• erosion on sideslopes or headslopes from discharge rate 4 or less

• Deck joint leakage causing damage - reduce rating



Major Superstructure – Inspection and Rating **Deck Top/Underside** · Drive over deck at design or posted speed • Observe deck under traffic > Listen for unusual noises > Look for deflections or movement • Look over deck top and underside for problems with material On concrete decks, sound suspect areas with a hammer to detect delaminations ➤ Birdbath locations > Stained areas > Badly cracked areas or adjacent to large cracks Technical Standards Branch Class A Bridge Inspection Course Alberta. BIM

