

Level II Truss Inspection Trusses for Alberta Highways Bridge system has about 340 sites with 460 truss spans Majority of these trusses were fabricated between 1920 & 1930 Most of the spans are on secondary highways and local roads Level II Truss inspection started in the early 1970's Second round of U/T inspection in 1983 revealed numerous cracked members Bridge Engineering Section Technical Standards Branch

Level II Truss Inspection

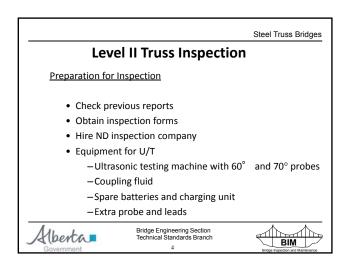
Frequency of Inspection

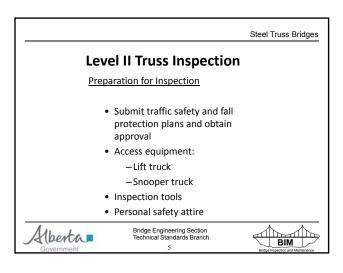
Provincial highways 4 – 5 years

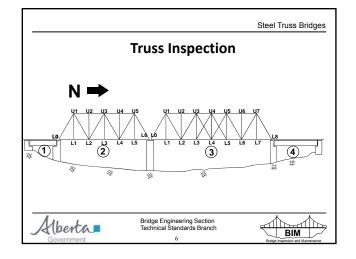
Local roads 6 years

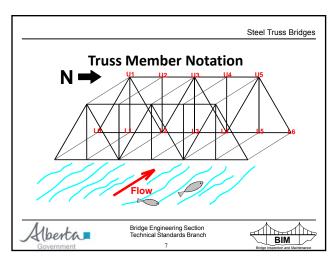
Special monitoring – varies depending on truss condition, age, and traffic volumes.

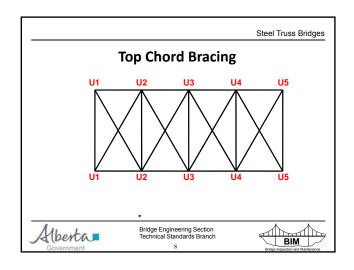
Bridge Engineering Section Technical Standards Branch
Government
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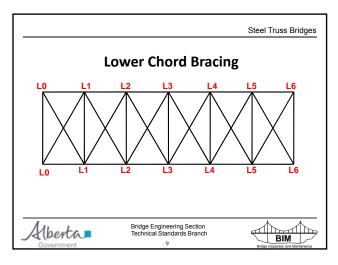


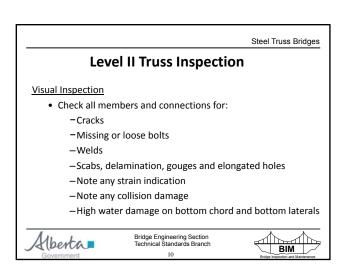












Level II Truss Inspection

Visual Inspection

• Check all members and connections for:

- Sags and buckling characteristics

- Measure and report distortion

- Floor beam copes

- Report on extent of corrosion, pitting and section loss

- Measure and report any top chord sweep for pony trusses

• Member/s requiring replacement shall be identified

