

Inspection Forms

Inspection Form Types

- Culvert form types:
 - CUL1 Form
 - · single culverts of all types
 - single culvert extended with same size and material type
 - · one barrel section
 - therefore 1 inlet, 1 barrel and 1 outlet
 - CULM Form
 - · multiple pipes or cells
 - two cell concrete box extended with steel
 - two or more barrel sections
 - therefore multiple inlets, multiple barrels & multiple outlets
 - CULE Form
 - single culvert extended with different material or pipe size
 - · two or more barrel sections
 - therefore 1 inlet, multiple barrels and 1 outlet
 - Custom Forms to suit number & types of barrel sections.



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Inspection Forms

Form Features

- Tailored to the span type or types of the particular structure.
- Contain full descriptions and full comments, no codes are required.
- Shows inventory data needed for a proper inspection.
- Provides the design and allowable loads and critical member.
- Allows for condition rating of elements and explanation.



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Form Features

- Allows for general rating of each major category.
- Provides a list of typical maintenance items.
- Provides for special comments or instructions for the next inspection.
- Provides for programming, scheduling, cost estimation, authorization and tracking of maintenance.
- Repeats previous inspection data for inspector's information.
- Provides for 2 levels of inspection.



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Inspection Forms

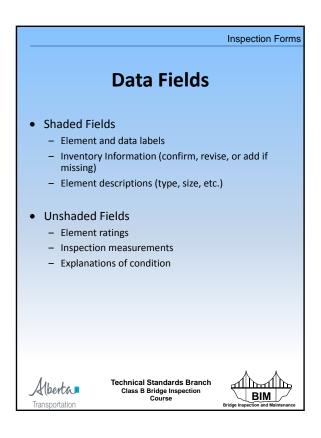
Form Features

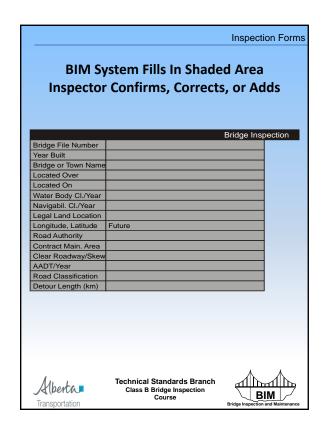
- Provides sufficiency rating and structural condition ratings based on inspection data.
- Clearly indicates if a bridge element is not accessible or not applicable.
- A logical sequence to facilitate the inspection process.

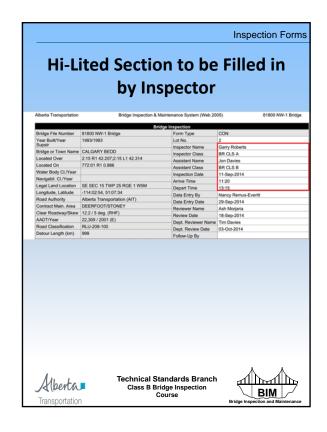


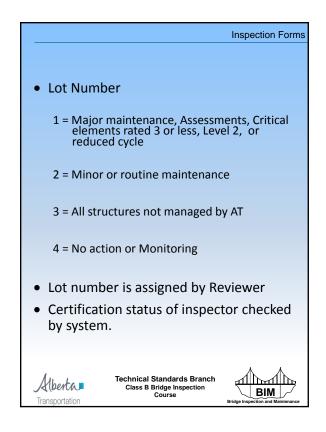
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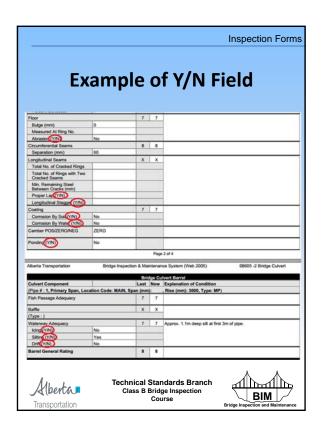


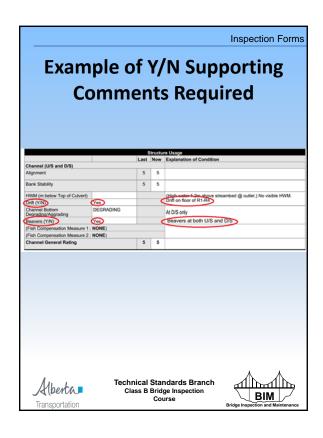


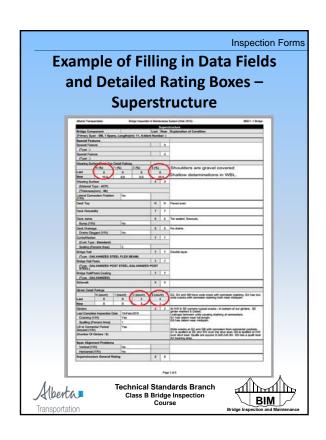


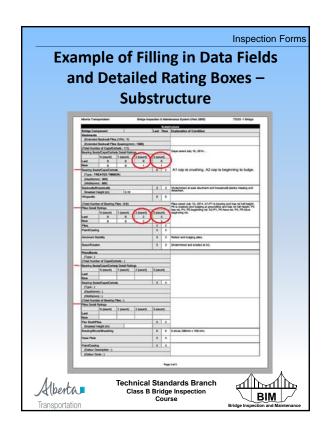












Inspection Forms

Detail Ratings

<u>Superstructure:</u>

- Wearing surface / deck top
- TT stringers and PCS girders

Substructure:

- Timber caps
- Timber piles
- > Provided when ratings are 3, 2, 1, and N
- > Record 0 in Detailed Rating boxes if element is rated 4 or more.
- Some Detailed Ratings boxes require % of total area (i.e. Wear Surface/Deck Top
- ➤ Some Detailed Ratings boxes require "Count" of total numbers (i.e. Caps, Piles)



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