

Class B Bridge Inspection Course Schedule

Sept. 11 - 15, 2017

Athabasca Room, Twin Atria Bldg. 4999 - 98 Ave. Edmonton

Day 1 – Monday

<u>Start</u>	<u>End</u>	<u>Description</u>	<u>Instructor</u>	<u>Lecture #</u>
8:00	8:30	Welcome & Introduction	Matt Spratlin/Garry Roberts	1
8:30	9:30	Introduction to BIM	Matt Spratlin	2
9:30	9:45	Break		
9:45	10:45	Inspection Policies & Procedures	Matt Spratlin	3
10:45	11:15	Inspection Forms	Garry Roberts	4
11:15	11:30	Questions	Garry Roberts	
11:30	12:30	Lunch		
12:30	1:45	Standard Bridge & Culvert Components	Garry Roberts	5
1:45	2:45	Bridge Materials	Abdul Waheed	6
2:45	3:00	Break		
3:00	4:00	Condition Ratings	Garry Roberts	7
4:00	4:30	Bridge Inventory Information	Garry Roberts	8
4:30	4:45	Questions & Answers	Garry Roberts	Film

Day 2 – Tuesday

8:00	8:30	Quiz #1	Garry Roberts	
8:30	9:00	Review Quiz #1	Garry Roberts	
9:00	9:30	Posting & Utilities Information	Garry Roberts	9
9:30	10:00	Approach Road Inspection & Rating	Garry Roberts	10
10:00	10:15	Break		
10:15	10:45	Bridge Loading and Rating	Abdul Waheed	11
10:45	11:45	Bridge Basic Structural Considerations	Abdul Waheed	12
11:45	12:45	Lunch		
12:45	1:45	Hydrotechnical Considerations	Des Williamson	13
1:45	2:45	Superstructure Inspection & Rating #1	Garry Roberts	14
2:45	3:00	Break		
3:00	4:00	Superstructure Inspection & Rating #2	Garry Roberts	14
4:00	4:15	Questions & Answers	Garry Roberts	

Day 3 Wednesday

8:00	8:30	Preparation for Inspection	Garry Roberts	15
8:30	8:45	Inspection Tools & Equipment	Randy Bredo	
8:45	10:30	Field Inspection CSP Culvert	Class A Instructors (3)	
10:30	12:00	Field Inspection SPCSP Culvert	Class A Instructors (3)	
12:00	12:30	Lunch (Bag)		
12:30	2:30	Field Inspection Concrete Bridge	Class A Instructors (3)	
2:30	4:45	Field Inspection Timber Bridge	Class A Instructors (3)	

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Day 4 – Thursday

8:00	8:30	Quiz #2	Randy Bredo	
8:30	9:00	Review Quiz #2	Randy Bredo	
9:00	10:00	Substructure Inspection & Rating	Randy Bredo	16
10:00	10:15	Break		
10:15	10:45	Culvert Basic Structural Considerations #1	Randy/Abdul Waheed	Film
10:45	12:00	Culvert Basic Structural Considerations #2	Abdul Waheed	17
12:00	1:00	Lunch		
1:00	2:30	Culvert Inspections & Ratings #1	Randy Bredo	18
2:30	2:45	Break		
2:45	3:45	Culvert Inspections & Ratings #2	Randy Bredo	18
3:45	4:15	Inspection Form Completion	Randy Bredo	19
4:15	4:30	Questions & Answers	Randy Bredo	

Day 5 – Friday

8:00	8:30	Quiz #3	Randy Bredo	
8:30	9:00	Review Quiz	Randy Bredo	
9:00	9:45	Inspection and Maintenance Responsibilities	Randy Bredo	20
9:45	10:00	Break		
10:00	11:00	Bridge Maintenance	Randy Bredo	21
11:00	12:00	Culvert Maintenance	Randy Bredo	22
12:00	1:00	Lunch		
1:00	1:30	Grade Separation Inspection & Rating	Randy Bredo	23
1:30	2:00	Review of Overall Course-Other Topics	Randy Bredo	
2:00	2:15	Quiz #4	Randy Bredo	
2:15	2:45	Review Quiz	Randy Bredo	
2:45	3:00	Course Evaluation	Matt/Randy	
3:00	3:15	Closing Remarks	Matt Spratlin	