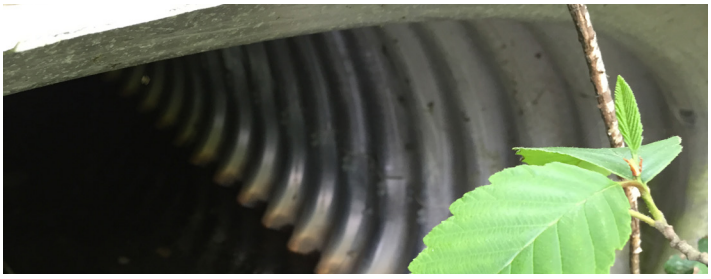
Atlantic Industries Limited

PROJECT PROFILE



Dur•A•Span Aluminum culverts shine in BC's lower mainland

AIL's Dur•A•Span Structural Aluminum Plate Culverts have been quietly maintaining their low profiles — toughing it out in the harsh environments of BC's lower mainland for the duration. You don't hear much about them because they don't need much maintenance and their open-flow designs don't clog with debris and cause flooding like reinforced concrete box culverts often tend to do.

Chosen over reinforced concrete box culverts for all the right reasons
Increasingly, smart specifiers recognize the many benefits of culverts made from Dur•A•Span:

- Solid, corrosion/abrasion-resistant aluminum
- Larger single opening, greater flow, less flooding
- No joint separation or differential settlement issues
- Bottomless, fish friendly designs
- Variety of low-profile shapes, footings and end treatments
- Lightweight, easy to ship and install
- Low maintenance, improved life-cycle cost
- We went on a "culvert crawl"around the area in order to show you how well our 2005 installations are performing in their respective corrosive/abrasive environments.

Project at a glance:

Dur•A•Span Box Culvert with Cast-in-Place Concrete Headwalls:
Span 3.5 m, Rise 1.6 m

Dur•A•Span Box Culvert, with Dur•A•Span Headwalls, Wingwalls:
Span 3.3 m, Rise 1.3 m

Dur•A•Span Pipe Arch with bevelled ends:
Span 3.3 m, Rise 2.1 m, Length 26.1 m

Dur•A•Span Pipe Arch with bevelled ends, three Dur•A•Span elbows:
Span 3.1 m, Rise 2 m, Length 72.3 m

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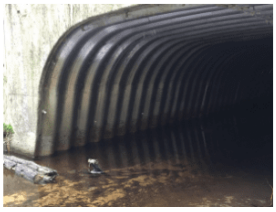
See our Dur•A•Span culvert performance details for yourself

Our 2016 "culvert crawl" takes a closer look at four Dur•A•Span structures that were installed in BC's lower mainland in 2005. All culverts are in excellent condition and performing well. Water testing results are from April 14, 2016.

Musqueam Creek, near UBC

Product: Dur•A•Span Box Culvert with Cast-in-Place Concrete Headwalls
Location: Off South West Marine Drive, on Crown Street near Staulto Avenue
Dimensions: Span 3.5 m, Rise 1.6 m
Water Test Results: Hardness 35 ppm, Chlorides 5 ppm, Resistivity 12,121 ohm-cm, pH 7-34

Burnaby Firehall

Product: Dur•A•Span Box Culvert, with Dur•A•Span Headwalls, Wingwalls
Location: Claude Avenue at Sperling Avenue, just off Canada Way
Dimensions: Span 3.3 m, Rise 1.3 m
Water Test Results: Hardness 75 ppm, Chlorides 30 ppm, Resistivity 6,127 ohm-cm, pH 7-45


Old Logging Ditch Pump Station, Surrey

Product: Dur•A•Span Pipe Arch with beveled ends
Location: Off of 40th Avenue near 168th Street
Dimensions: Span 3.3 m, Rise 2.1 m, Length 26.1 m
Water Test Results: Hardness 200 ppm, Chlorides 25 ppm, Resistivity 3,144 ohm-cm, pH 7-95


Robson Creek Channel, Surrey

Product: Dur•A•Span Pipe Arch with beveled ends, three Dur•A•Span elbows, four manhole risers and three saddle plates for leads
Location: Off of 40th Avenue near 168th Street
Dimensions: Span 3.1 m, Rise 2 m, Length 72.3 m
Water Test Results: Hardness 75 ppm, Chlorides 15 ppm, Resistivity 6,578 ohm-cm, pH 8-2


Start saving time and money with AIL's Dur•A•Span Aluminum Culverts

Your AIL Technical Sales Representative can show you how Dur•A•Span is the lightweight champion over the usual heavyweight contenders, like precast concrete, for overall performance and cost.

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See all Project Profiles on ail.ca

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