

## **Job Profile – Farningham Road Station**

**Project:** Waiting Shelter Re-Build

**Date:** November 2011

**Programme:** 2 Weeks

**Overview:** The 2 main beams to the London End of the canopy had completely rotten through as they exit the station building roof, under the box gutter construction. The box gutter in the area that we had exposed had also rotted beyond any repair and required replacement. We had been called out to make safe canopy to the London End after a roofing contractor replacing the roofing sheets noted the extent of the damage to canopy construction including the noticeable drop to the canopy.

Two of the existing main beams had been replaced in the past, by means of bolting new timbers to the existing timber within the roof void area, and two support posts had been fitted that extend from the underside of the canopy to the platform surface which would have been fitted to act as additional support in the past.





**B & M McHugh Limited**

**Working Hours:**

These works were undertaken during normal working hours behind hoarding in a High Street environment.

**Method of Repair:**

We removed the existing box gutter, removed rotten sections of main timbers, and replace with new, bolting them to existing main beams within the roof void area allowing for at least 3m for load transfer in treated softwood in matching sizes. Replaced existing damaged dagger boards to match existing design and then formed new falls to allow the discharge of rain water to the front of the canopy into a deep flow half round gutter discharging to exiting outlets.

This allowed for maintenance to the gutter without the need to access the roof area, we evaluated that the cause to the extent of the damage was due to the box gutter leaking/being blocked over the years.

**Main Beam Damaged Beneath Box Gutter Area(2<sup>nd</sup>), Additional Vertical Support Shown.**





**B & M McHugh Limited**

**Progress Photo's:**





**B & M McHugh Limited**

**Completion Photo's:**





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Contact Details:

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