


PROJECT DATA SHEET

Project Name : Structural Engineering Assessment on Testing and Rectification Works to Bridge Structures Damaged by Fire at Penang Bridge

Project no. : 9446

Country : Malaysia	State / Region : Penang	Client : Penang Bridge Sdn Bhd (PBSB_
No. of Professional Staff Involved : 6		
No. Of Professional Man- Months : 18		
Approximate Value of Project : RM 2.5 Million		
Start Date : September 2010		
Completion Date : Apr 2011		

Associate firms (if any) : JTK Consult Sdn Bhd

Description of Project and Services Provided :

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HSSI undertake a detailed assessment of an 80 m section of the Penang Bridge which was affected by Fire on 11th September 2010. The fire which lasted approximately 5 hrs affected a ~ 80 m length of the bridge either side of a pier 82E.

Services:

1. Stage 1 – Involves an initial Site visit to review the structure and identification of the proposed approach to investigation and pelographic testing needs.
2. Stage 2 – Involves the actual on site works and review of Test results and submission of a preliminary report.
3. Stage 3 – Involves a detailed Structural Assessment and the development of the Remedial Recommendations using CFRP.
4. Stage 4 – Involves Supervision during Remedial Works.