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ENSURING THE EFFECTIVE MANAGEMENT OF HEALTH AND SAFETY IN HIGHWAY DESIGN AND CONSTRUCTION

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ABSTRACT

Health and safety hazards associated with the construction of highways are well documented and work related accidents and illnesses are still highly prevalent in this industry. A systematic analysis of the health and safety hazards presented by construction is conducted, from the earliest concept and design phases, through to construction and how decisions by designers and planners can bring about a reduction in exposure to these risks. This paper outlines the emphasis given by EOAE to the principle methods that should be adopted to ensure that the health and safety of workers and others who may be affected during the construction of highways is maintained to the best possible standards. Construction management plays a key role to manage the residual risks that designers could not mitigate through ensuring the competence of staff, provision of adequate safety controls, maintaining lines of communication and efficacious co-ordination of site activities, these residual risks would be controlled.

KEY WORDS: safety, health, construction, highways, accident, prolepsis