

摘要

在我国项目工程施工技术的不断发展的情况下，桥梁工程的施工工艺也得到了改善。与此同时，交通工程是中国的基础设施，这也是中国城市规划的重要组成部分。由于其特殊的意义，桥梁项目过程中的施工风险控制和安全管理对于工程具有重要意义。在施工过程中，如果不能有效的保证在施工过程中的安全，将会造成严重的施工安全事故，对人员安全和经济造成严重影响。本文分析了施工安全风险的影响因素，阐述了在现有桥梁工程的施工安全的问题。

桥梁在人类的文明发展中具有极其重要的作用，在经历了第二次世界大战之后，世界各国迫切的需要修复和重建在战争中受损的交通和桥梁。与此同时便使新的材料和工艺出现。桥梁工程进入了一个全新的发展阶段。各种新结构跨越能力强的桥梁不断涌现。

虽着中国的交通运输行业正在不断发展，预应力混凝土连续刚构桥大跨度依靠其实力和跨越的能力优势，到了广泛的运用和快速的发展。

但是快速发展带来的影响就是事故的多发，事故发生就伴随着人员伤亡和经济损失。本文提到的桥梁工程施工风险安全技术,是为了减少人员伤亡和经济损失。

关键词 桥梁工程 施工风险 安全 施工人员

Abstract

With the continuous development of project construction technology in our country, the construction technology of bridge engineering has also been improved. At the same time, traffic engineering is the root cause of China, which is also an important part of China's urban planning. Due to its special significance, construction risk control and safety management in the bridge project process are of great significance to the project. During the construction process, if the safety during the construction process cannot be effectively ensured, serious construction safety accidents will be caused, which will seriously affect the safety and economy of personnel. This paper analyzes the influencing factors of construction safety risks and expounds the problems of construction safety in existing bridge projects.

Bridges play an extremely important role in the development of human civilization. After the Second World War, there was an urgent need to repair traffic damaged in the war and build bridges, which prompted the emergence of new materials and processes such as prestressed concrete and high performance concrete. Bridge engineering has entered a brand-new development period. A variety of new bridge structures are constantly emerging, and the bridge's spanning ability is constantly breaking through.

Although China's transportation industry is developing continuously, prestressed concrete continuous rigid frame bridges have been widely used and developed rapidly in bridge construction due to their strength and ability advantages.

However, the impact of rapid development is the frequent occurrence of accidents, which are accompanied by casualties and economic losses. The bridge engineering construction risk safety control technology studied in this paper is to reduce risks, casualties and economic losses.

Key words bridge engineering construction risk safety construction personnel

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