

Analysis on Railway Temporary Tracks - Using Temporary Tracks at Fengyuan
Section as an Example 鐵路高架化前臨時軌工程施工實務探討-以豐原段為例

蕭炎泉, 鄭斯仲

營建管理學系

建築與規劃學院

ycshiau@chu.edu.tw

摘要

Abstract—To minimize possible impact after the High Speed Rail starts operations, the Taiwan Railway must transform itself to focus on the short-range transportation market. As railway reconstruction becomes a major goal emphasized by the government, the Taichung Plan has now been merged as a part of the TRA MRTization Project under the New Ten Major Construction Projects, and the switch of the temporary railway tracks at the Fengyuan Station is one of the key focuses of the Taichung Plan. Limited by the land around Fengyuan Station and in order to maintain arrangement of existing permanent railway tracks as well as construction safety, the station needs to rearrange existing tracks, reconstruct station facilities and lay out temporary tracks to ensure services are not interrupted before elevated construction can begin. This study will analyze the temporary track project at the Fengyuan section to discuss how the project owner (and self-supervisor) can achieve a balance between safety, professionalism, performance and communications and assist contractors that do not have sufficient experience in railway projects to achieve the predefined project goals.

關鍵字：Railway Project, Temporary Track, Self-supervision