# 萬大線電聯車正式進入主線動態測試階段

文圖/王文中

捷運萬大線繼金城機廠測試軌完成號誌化驗證、量產電聯車陸續交付後，萬大線電聯車近日已正式駛入主線軌道，展開動態測試作業，代表機電系統整合測試正式邁入全新階段。

本次主線動態測試區段涵蓋LG07連城錦和站至LG08A莒光站路段，透過列車實際於主線運行，可進一步驗證電聯車、號誌、供電、通訊各子系統間的界面整合狀況，測試過程中發現的潛在界面問題都能作為後續系統優化及調整的依據，如此才能確保整體系統運作符合設計規範與安全標準。

未來隨著量產車持續交付及主線測試範圍逐步擴大，萬大線將陸續展開多列車整合運轉測試、全系統穩定性測試等作業，持續累積全線運轉數據，朝向全自動化捷運營運目標前進。

本局及萬大線工程團隊將持續依既定計畫推動各項測試作業，以最高標準落實工程品質與行車安全，期盼萬大線如期完工通車，提供雙北市民安全、便捷及可靠的大眾運輸服務 。

**圖1 電聯車進入主線軌道啟動測試**

## Mainline Dynamic Testing Commences for the Wanda Line EMUs

Mainline dynamic testing recently commenced for the Wanda line EMUs. Through actual operations of the EMUs on the main line, the interface integration between subsystems and stability can be tested for the EMUs, signaling, power supply, and communication in order to ensure that the overall system complies with design specifications and safety standards. In the future, as EMUs continue to be delivered and the scope of testing is gradually expanded, multi-train integrated operations and system-wide stability testing will be carried out, moving DORTS towards the goal of fully automated MRT operations which will provide citizens with safe, convenient, and reliable public transportation services.