第一區工程處副工程司鄧凱均當選112年本府廉能楷模

文圖/鄧凱均

現任職於本局一工處土木第五工務所的鄧凱均副工程司，具有5年的捷運工程經驗，歷經環狀線第一階段、環狀線北環段汙水管永遷工程等充滿挑戰性的任務，期間主要工作包含施工進度管控、交維業務、工地現場監造、施工品質管制、驗收等，均能如期如質完成，並在施工過程中兼顧安全及品質。

鄧員現階段主要負責本府重大政策之一捷運萬大線第一期CQ860區段標工程，並主辦CQ862子施工標工作。雖然與許多同事相比，鄧員資歷尚淺，但過程中遇到問題時，積極尋求解決辦法，並積極協調外單位及處理民眾陳情，使各階段之工作均順利進行。

其中值得一提的是，為解決潛盾機拆裝需耗時數月，加上因疫情高峰期間缺工、缺料，且外籍技師無法入境，不僅極為耗時且大幅增加勞安風險等問題。鄧員主動與設計單位、施工廠商及專業分包商共同研究，於萬大線CQ863標提出潛盾機頂升滑移工法。

在有效管控及監督下，前述之精進工法於111年4月29日完成，僅僅只需花費9天時間，潛盾機即可到達另一側工作井，總滑移路徑達300公尺為全國首創，相較於原設計規劃拆卸組裝作業，縮短65天完成，並節省約公帑400萬餘元，及節省工時達7800小時，讓人力可更有效及靈活的運用，更有助於解決疫情期間缺工缺料的問題。

上述精進工法參與今年112年度臺北市政府創意競賽精進獎，過程中結合一工處、細部設計廠商、主承包商、專業分包商及專業技師共同研究，多方腦力激盪不斷討論修正及調整，始完成最終定案，以提案名稱「遁地巨獸精準滑移，潛盾工法再升級—創新、省時、零事故！」代表本局參與競賽，並於數百件的優秀提案中脫穎而出，最終與團隊獲得特優之殊榮。

鄧員所參與之精進工法受到各界肯定，並將成功經驗積極分享，應用於捷運北環段CF680B標施工規劃中及納入捷運東環段細部設計考量，持續替後續捷運標案減少更多直接人力成本，節省公帑。此次鄧員能夠代表本局獲選為本府112年度廉能楷模，可謂實至名歸，也代表本局基層同仁只要持續付出，均能獲得肯定。

鄧凱均副工程司接受蔣萬安市長頒獎

2023 Role Model of Anti-corruption: Associate Engineer Deng Kai-jun from 1st DPO

Deng Kai-jun is primarily responsible for Wanda line Phase I section contract CQ860 construction, which is one of the government's major policies; furthermore, he has also handled tasks for sub-contract CQ862. When encountering difficulties during the construction process, he would actively seek out solutions and was always able to complete the mission smoothly. Associate Engineer Deng actively researched together with designers, construction companies, and professional subcontractors to propose a jacking and sliding method in order to solve the problem that it took several months to disassemble and assemble the shield machine. In addition, labor and materials shortages coupled with foreign technicians being unable to enter Taiwan during the peak of the pandemic not only made these tasks extremely time-consuming but also increased labor safety risks. In the end, it only took nine days for the shield machine to reach the working shaft on the opposite side. With a total sliding path length of 300 meters, it was the first of its kind in Taiwan, and it was completed in 65 days less than expected in the original design with a savings of approximately NT$4 million and 7,800 working hours. This construction improvement method was the honorary recipient of the 2023 Taipei City Government Creative Proposal Competition Award of Excellence.