交通部公路局
Highway Bureau, MOTC

113年 年報

Annual Report 2024



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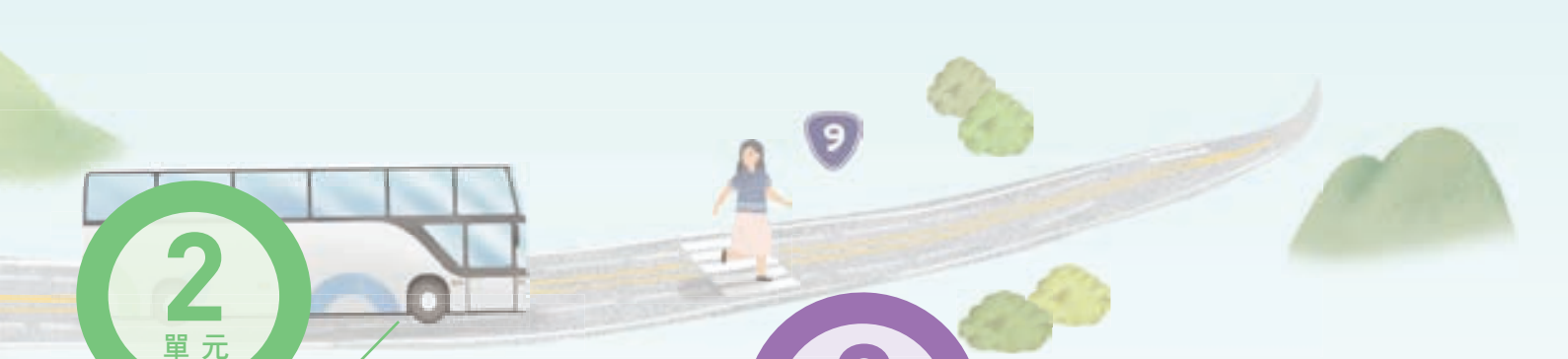

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局長的話

為永續的路打基礎

高溫、旱澇、多風災，這幾年，我們都感受到氣候變遷加劇的威力，環境的變化不但造成財產損失，減少了生物多樣性，更直接威脅你我的生命安全。展開永續行動刻不容緩，道路作為維繫社會運作的生命線，公路局已從不同面向實踐永續，希望打造人、車、路、橋、環境都幸福的未來。

用心實踐　我們的永續進行式

苗栗工務段的「智慧友善幸福公路」，以AI智能預警系統減少石虎路殺，推動道路護坡原生植物復育；南投工務段的「永續公路從投心出發」，進行公路改造，特別針對高齡社會增設行人設施，並結合綠色公路設計，讓安全、舒適再升級。兩者皆獲得「亞太永續行動獎」與「台灣永續行動獎」的肯定，同仁們的專業與細膩成就最好的工程典範。

當然，路永續了，路上的車也要永續。「運具電動化及無碳化」作為實現臺灣2050淨零排放的重要一環，我們透過增設中繼充電站點，建置友善電動車的交通環境，提升民眾使用電動車的意願；另一方面，因應市區公車轉型電動化趨勢，公訓所積極協助客運業者培育電動大客車保養及維修人力，讓電動公車行駛得更順暢安全。

還有一個好消息是，蘇花安計畫順利完成環評程序，我們不但確實完成環評法相關要求，也與國家公園、原民部落、臺鐵公司、鄰近學校及地方政府等相關單位達成協商，很高興環境友善與工程專業並行的堅持，獲得各方支持肯定，一同見證蘇花安再邁出一大步。

Words from the Director-General

Building a Foundation for Sustainable Roads

High temperatures, droughts, floods, and storms have increasingly demonstrated the severity of climate change in recent years. Environmental changes not only cause property damage and reduce biodiversity but also directly threaten our safety. Immediate action on sustainability is imperative. As the lifelines of societal operations, roads play a critical role in addressing these challenges. The Highway Bureau has implemented sustainability measures from multiple perspectives, aiming to create a future where people, vehicles, roads, bridges, and the environment coexist harmoniously.

Dedication to Ongoing Sustainability Actions

The Miaoli Branch of the Central Region Branch Office's "Smart and Eco-Friendly Highway" program utilizes an AI-based warning system to reduce leopard cat roadkill incidents and promotes the restoration of native plants to stabilize roadside slopes. The Nantou Branch's "Sustainable Highways Starting from Nantou" initiative focuses on highway improvements, including pedestrian facilities tailored to Taiwan's aging society, combined with green highway design to enhance safety and comfort. Both projects received recognition at the Asia-Pacific Sustainability Action Awards and the Taiwan Sustainability Action Awards, exemplifying outstanding engineering achievements founded on the professionalism and attention to detail of Highway Bureau colleagues.

Of course, for road sustainability, there must also be vehicle sustainability. "Electric and Carbon-Free Vehicles" is an important link in "Taiwan's 2050 Net-Zero Transition." The Highway Bureau is adding charging stations and building an electric-vehicle-friendly environment to encourage more people to use them. Moreover, in response to the electrification of urban buses, the Highway Bureau Training Institute has proactively assisted bus companies in training maintenance personnel for electric buses, to keep these buses safe and roadworthy.

Another piece of good news is that the Environmental Impact Assessment (EIA) process for the Suhua Highway Safety Improvement Project has been successfully completed. The Highway Bureau not only fully complied with the requirements of the Environmental Impact Assessment Act but also engaged in consultations with relevant stakeholders, including national park authorities, indigenous communities, the Taiwan Railway Corporation, nearby schools, and local governments. We are pleased that our commitment to balancing environmental friendliness and engineering excellence has earned support from all parties, marking another significant milestone toward greater safety on the Suhua Highway.

無畏困難　用路人的笑容是最好回饋

113年除了颱風接連襲臺外，頻發的地震也帶來嚴峻挑戰。從「0403花蓮地震」到「凱米颱風」、「山陀兒颱風」、「康芮颱風」，全臺多處道路災情不斷，同仁們第一時間快速應變、搶災、疏運並擬定重建計畫，盡全力於數日內搶通，恢復人車通行，只為儘快提供用路人安全便捷的回家之路。

天災之外，考驗耐心與毅力的，還有世界級的工程。作為全世界最大跨徑單塔不對稱斜張橋，淡江大橋的工程難度超乎想像，但也激發同仁們克服挑戰的意志與智慧，自108年2月開工以來，經過無數次的施工調整和優化，以及人力與機具的增加，包含主橋塔節塊施工、鋼箱梁節塊吊裝等工程進度逐漸穩定。113年10月25日第1對主橋鋼箱梁起吊作業宣告工程邁向新的里程碑，完工之路指日可待。

深入扎根　安全是不變的堅持

無論路的距離長短、工程難易，「安全」永遠是最無可取代的核心。我們於113年3月啟動省道路口安全改善計畫，依路口風險等級與急迫性，全面快篩檢核並導入專家小組現勘與成立督導考核小組，於12月底前完成2,978處路口改善，現在仍持續推進。

而民眾關心的微型電動二輪車登記掛牌、投保強制險，至113年12月份使用中車輛已有23萬6,084輛，新車有6萬1,988輛完成掛牌登記，有效減少改裝、超速、交通事故增加及事故無法理賠等問題，期間更辦理「到點服務」，由各監理所站與微電車經銷商、移工仲介公司、工業區、鄉鎮區公所、里民活動中心等單位合作，提升掛牌便利性。

在愈加完備的法規塑造更安全的環境後，「教育」是進一步根植安全意識的基礎，由於交通事故是我國兒少事故傷害的主要原因之一，為培養兒少在道路的危險感知能力，新竹區監理所參考國內外交通安全公園概念，在桃園監理站建置全國首座「交通安全教育園區」，大人小孩一同學習交通安全正確觀念，讓道路帶來的幸福，隨著人們的移動遍及臺灣每個角落。

局長　陳文端



Undaunted by obstacles, rewarded by the smiles of road users

In 2024, Taiwan faced significant challenges from a series of typhoons and earthquakes. From the April 3 Hualien Earthquake to Typhoons Gaemi, Krathon, and Kong-Rey, road damage occurred across the island. The Highway Bureau promptly responded by implementing disaster relief measures, clearing roads, managing traffic disruptions, and drafting reconstruction plans. Within days, road access was restored to ensure safe and convenient travel and journeys home for road users.

Besides natural disasters, the patience and determination of the Highway Bureau have also been tested by world-class engineering projects. Construction of the Danjiang Bridge, the world's longest-span single-pylon asymmetric cable-stayed bridge, presented extraordinary challenges, yet it inspired the Highway Bureau colleagues' determination and ingenuity to overcome them. Since construction commenced in February 2019, countless adjustments and optimizations have been made, accompanied by increased manpower and machinery. Progress, including segmental pylon construction and steel box girder hoisting, has gradually stabilized. On October 25, 2024, the first pair of main bridge steel box girders was successfully lifted into position, marking a significant new milestone and bringing completion clearly into sight.

Getting down to the grassroots, safety through determination

Safety always remains the irreplaceable core principle, regardless of road length or project complexity. In March 2024, the Highway Bureau initiated the Provincial Highway Intersection Safety Improvement Program, comprehensively screening intersections based on risk level and urgency, incorporating on-site inspections by expert panels, and establishing a supervisory and assessment group. By the end of December, improvements at 2,978 intersections were completed, with efforts continuing.

Regarding the registration, license plate issuance, and compulsory insurance for Mini Electric Two-Wheel Vehicles, by December 2024, registration was completed for 236,084 vehicles already in use and 61,988 newly registered vehicles. These measures effectively reduced issues such as vehicle modifications, speeding, rising traffic accidents, and uninsured accident claims. During this period, the Highway Bureau provided on-site registration services in cooperation with motor vehicles offices, electric vehicle dealerships, migrant worker agencies, industrial parks, township offices, and community activity centers, greatly enhancing convenience for vehicle owners.

While strengthened regulations shape a safer environment, education remains essential to cultivating lasting safety awareness. Given that traffic accidents are one of the major causes of injuries among children in Taiwan, the Hsinchu Motor Vehicles Office, inspired by traffic safety parks both domestically and abroad, has established Taiwan's first Traffic Safety Education Park at the Taoyuan Station of the Hsinchu Motor Vehicles Office. At this facility, both children and adults can learn correct traffic safety concepts, spreading happiness and safety across every corner of Taiwan.

Director-General

CHEN, WEN-JUEI

1 單元

為目標

全力以赴　困難就不難

To Reach Objectives –
Going All-Out and Overcoming Difficulties



5年有成　以堅忍與智慧打造世界之最淡江大橋工程邁向新里程碑

Five Years of Success: Using Persistence and Smart Construction to Create the World's Longest: Danjiang Bridge Project Advances Towards New Milestones

克服重重困難　淡江大橋工程邁向新里程碑

淡江大橋新建工程是目前全國及國際最受矚目的重大公共工程建設之一，已故英國建築女爵，有曲面女王之稱的札哈・哈蒂（Zaha Hadid）建築師的遺作，也是全世界跨度最大的單塔不對稱斜張橋，打造展現人文設計美學與建築科技領域高難度工程，技術挑戰、施工進度過程更是備受各界關注。

淡江大橋之橋梁主橋塔塔高200公尺，主橋長度920公尺，主跨徑達450公尺。工程自108年2月開工迄今，施工團隊積極推進淡江大橋的建設工作，包含主橋塔節塊施工、鋼箱梁節塊吊裝及鋼斜索施拉等，歷經無數次的施工調整和進化，以及人力與機具的增加，使得工程進度逐漸穩定。目前主橋塔已完成至第39節塊（總計53節塊），約144公尺高，且於113年10月25日亦進行淡江大橋第1對主橋懸臂鋼箱梁起吊作業，宣告工程正邁向新的里程碑，不僅象徵著工程進度的又一次重要突破，也預示著我們距離最終的完工目標更近了一步。

淡海未來地標新願景

未來淡江大橋完成後，預期將疏解關渡大橋及台2乙線竹圍路段車流，縮短八里與淡水旅行時間，同時也是淡海新市鎮主要聯外道路。單一橋塔的單塔斜張橋造形，宛如舞者們躍動的舞姿與光影，也將會是矗立在淡水河口的國門意象，臺灣橋梁工程的驕傲。



▲ 主橋塔節塊施作情形
Segmental construction of the main bridge pylon.

Overcoming Multiple Challenges: Construction of Danjiang Bridge Advances Towards New Milestones

The construction of the Danjiang Bridge is currently one of Taiwan's most significant infrastructure projects, attracting significant attention nationwide and internationally. It represents an important posthumous work of the late British architect Zaha Hadid, famously known as the "Queen of Curves." It is the world's longest-span single-pylon asymmetric cable-stayed bridge, combining humanistic design aesthetics with highly challenging construction techniques and advanced engineering technologies. The technical complexity and progress of construction have drawn widespread attention from various sectors.

The main pylon of the Danjiang Bridge stands 200 meters tall, the bridge spanning a total length of 920 meters and featuring a main span of 450 meters. Since construction began in February 2019, the project team has made steady progress through tasks such as segmental pylon assembly, steel box girder hoisting, and cable tensioning. After numerous adjustments and optimizations, as well as increased manpower and equipment, the construction pace has stabilized. Currently, the main pylon has been completed up to segment 39 (out of a total of 53 segments), reaching approximately 144 meters in height. Moreover, on October 25, 2024, the first pair of cantilever steel box girders for the main bridge was successfully hoisted into place, marking a significant milestone in the project. This achievement not only represents an important breakthrough in construction progress but also brings the completion goal closer to realization.

A New Vision: Danhai's Future Landmark

Upon completion, the Danjiang Bridge is expected to ease traffic congestion on Guandu Bridge and the Zhuwei section of Provincial Highway No.2B, significantly reducing travel time between Bali and Tamsui. It will also serve as a major connecting route for Danhai New Town. The bridge's distinctive single-pylon asymmetric cable-stayed design evokes the graceful movements and interplay of light and shadow reminiscent of dancing figures. Positioned at the mouth of the Tamsui River, the bridge will stand as a symbolic gateway to Taiwan and a proud achievement in Taiwan's bridge engineering history.



▲ 主橋塔第1對鋼斜索施拉
The installation and tensioning of the first pair of steel stay cables on the main pylon.



▲ 淡水端邊跨施作情形
Construction progress on the Tamsui-side span.

會長高的橋　成就斷層上的世界唯一玉里大橋改建工程

A Bridge that Can Grow Taller: The World's First on a Fault Line: Yuli Bridge Reconstruction Project



▲ 玉里大橋全景空拍圖
Aerial panoramic view of Yuli Bridge.

會長高的橋玉里大橋改建工程

位於花蓮縣玉里鎮的玉里大橋，是全球唯一一座橫跨活動斷層的車行橋梁，展現了臺灣在地質環境挑戰下的工程創新。池上斷層是臺灣地質活動最頻繁的斷層帶之一，每年上盤以約3公分的速度向上抬升，對橋梁穩定性構成巨大挑戰。為應對這一地質特性，玉里大橋改建工程採用創新設計，預留地質變化的空間，考量到未來30年的斷層抬升週期，橋面高度特別設計為下盤西側高出上盤東側60公分。此外，工程還運用頂升技術調整橋面高度，確保長期行車安全與舒適性。

目前，改建工程進展順利，鋼箱梁結構已完成安裝，橋面板施工正在進行中。新橋採用高強度鋼材與專業抗震設計，不僅提升結構強度，也能有效抵禦突發性河流水位上升與地質活動的影響。改建後橋面將更加寬敞，並增設現代化護欄，進一步提高通行安全與用路體驗。

地質與交通工程結合新篇章

玉里大橋改建，是地質學與工程學完美結合的象徵，它不僅克服了自然環境的挑戰，也將成為全球基礎建設應對活動斷層的最佳範例。作為一個結合地質與工程特色的地標，玉里大橋預計將吸引更多關注，成為地質觀光與環境教育的亮點。對地方而言，新橋的建成開啟交通穩定發展新頁，將促進玉里及周邊地區的經濟與旅遊繁榮；同時，它為當地居民與旅客提供更安全、穩定的交通服務，彰顯工程與自然和諧共存的美好願景。

A Bridge that Can Grow Taller: Yuli Bridge Reconstruction Project

Located in Yuli Township, Hualien County, Yuli Bridge is the world's only vehicular bridge spanning an active fault line, exemplifying Taiwan's engineering ingenuity in addressing complex geological conditions. The Chishang Fault, one of Taiwan's most geologically active fault zones, experiences an annual uplift of approximately three centimeters on the hanging wall, posing significant structural challenges for bridges. To address this geological phenomenon, the reconstruction of Yuli Bridge incorporates innovative design features that anticipate future fault movements. The bridge deck is constructed with a height differential of 60 centimeters between the footwall and hanging wall to account for projected uplift over the next 30 years. Additionally, advanced jacking technology is employed to adjust the bridge deck height, ensuring long-term safety and driving comfort for road users.

At present, reconstruction is progressing smoothly, with the steel box girder installation completed and bridge deck construction underway. The new bridge features high-strength steel and specialized seismic-resistant designs, enhancing structural integrity and effectively mitigating the impacts of sudden river level rises and geological movements. Upon completion, the widened bridge deck and modernized guardrails will significantly improve road safety and driving experiences.

A New Chapter Combining Geology and Transportation Engineering

The reconstruction of Yuli Bridge represents the seamless integration of geology and engineering. This project not only overcomes the challenges posed by the natural environment but also sets a global benchmark for infrastructure designed to address active fault lines. As a landmark reflecting both geological and engineering excellence, Yuli Bridge is expected to draw increased attention and become a highlight for geological tourism and environmental education. Locally, the completion of the new bridge ushers in a new era of transportation stability, fostering economic growth and tourism development in Yuli and its surrounding areas. Moreover, the bridge provides safer and more reliable transportation for local residents and visitors alike, embodying a harmonious vision of coexistence between engineering and nature.



▲ 因應特殊地質狀況，橋墩採特別設計（東西側墩柱高度差異）
Special pier design addressing unique geological conditions, showing differences in pier height between eastern and western sides.



▲ 玉里大橋鋼箱梁施作
Installation of steel box girders for Yuli Bridge.

鷺橋跨浪　重現軍輝
台 18 線軍輝橋完成改建通車

Revisiting Military Glory:
Completion of the Reconstruction of Junhui Bridge on Provincial Highway No.18

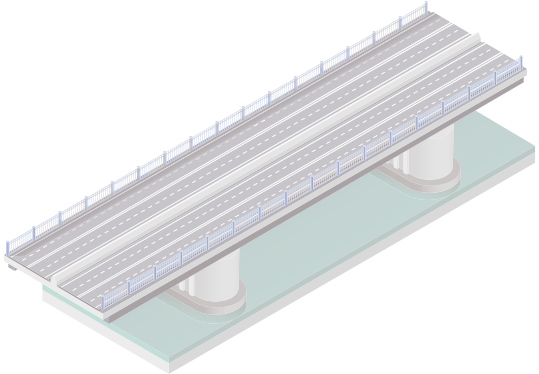


▲ 邀請交通部陳世凱部長（中間）、地方首長、中央及地方民代蒞臨通車剪彩
The MOTC Minister, Chen Shih-kai (center), local government leaders, and central and local elected officials attended the ribbon-cutting ceremony marking the bridge's opening.

克服挑戰　台18線軍輝橋改建通車

台18線17k+500軍輝橋位於昔日諸羅八景「鷺橋跨浪」之白鷺橋（前身）的舊址，跨越著名的中央管河川八掌溪，連結嘉義市都會區及嘉義縣中埔鄉主要幹道之重要橋梁。白鷺橋於民國48年87水災沖毀，隔（49）年由駐防國軍官兵重建完成，為感念國軍官兵辛勞，故改名為軍輝橋（第一代），並於68年由省交通處公路局完成二代橋拓寬及一代橋加固，橋長276.2公尺，全寬21.2公尺（第二代）。

因交通部公路局雲嘉南區養護工程分局水上工務段於103年自嘉義市政府接回養護後，發現位處深槽之P4~P6橋墩處中央一代橋之沈箱基礎已大幅外露，同時橋體長度不符經濟部水利署104年11月「八掌溪治理規劃檢討」之需求。為避免通洪斷面不足造成當地淹水災情情形發生，水利署建議依河道治理計畫辦理橋梁改建。基於橋梁結構長期安全考量，公路局經完成設計及嘉義市政府都市計畫變更後，向交通部爭取於110年起納入省道改善計畫－橋隧安全可靠度提升與延壽內籌列經費進行改建，以確保在地居民及用路人生命財產安全。



Overcoming Challenges: Junhui Bridge on Provincial Highway No.18 Opened to Traffic

The Junhui Bridge, located at 17k+500 of Provincial Highway No.18, stands on the historical site of the Bailu Bridge, formerly recognized as one of the Eight Wonders of Chiayi, poetically named "Egret Bridge Crossing Waves." Spanning the Bazhang River, a centrally managed waterway, the bridge serves as a vital connection between Chiayi City and Zhongpu Township in Chiayi County. The original Bailu Bridge was destroyed during the 1959 floods and rebuilt the following year by stationed military personnel. In honor of their efforts, it was renamed Junhui Bridge ("Military Glory Bridge"). In 1979, the Taiwan Provincial Highway Bureau completed the widening of the second-generation bridge and reinforced the original structure. The second-generation bridge measured 276.2 meters in length and 21.2 meters in width.

In 2014, after the Yunlin-Chiayi Southern Region Branch Office, Shuishang Branch of the Highway Bureau, MOTC, reassumed responsibility for maintaining the bridge from the Chiayi City Government. Upon inspection, it was discovered that the caisson foundations of piers P4–P6 in the central section of the original bridge were significantly exposed. Additionally, the bridge's length did not meet the requirements outlined in the "Bazhang River Management Plan Reassessment" issued by the Water Resources Agency (WRA) in November 2015. To prevent potential flooding caused by insufficient flood discharge cross-sections, the WRA recommended reconstructing the bridge in accordance with river management plans. Considering long-term structural safety, after completing the design and amending Chiayi City's urban plan, the Highway Bureau successfully secured approval from MOTC to incorporate the bridge reconstruction into the 2021 Provincial Highway Improvement Program. Funding was allocated specifically to enhance bridge and tunnel reliability and extend structural lifespan, ensuring the safety of local residents and road users.



▲ 軍輝橋空拍圖
Aerial photograph of Junhui Bridge.

強化工程結構　造福用路運輸

本工程效益為主橋改建後橋長295公尺、橋寬25公尺，橋墩原有10墩減少至5墩，可增加此處通洪斷面及降低洪水位逾7公分；橋面增設中央左轉專用車道，減少行車遲滯影響，尖峰服務水準可由D級提高至C級以上；增加材料強度及減少伸縮縫數量，可提升橋梁的耐久性及通行的舒適性，並改善交通運輸服務網，有助於鄰近地區進出交通便利，提昇運輸條件促進地區產業發展。

台18線軍輝橋改建工程範圍介於17k+358~17k+658間，主要工作項目：（1）為減少對原有密集交通用路人交通的衝擊，先於上、下游分別新建1座長275及296.5公尺、寬10.2公尺的樁柱式鋼I型梁之通行便橋，將原有車流及行人改道至通行便橋上行走，後進行一次性的拆除及改建。（2）主橋為5跨連續及1跨簡支之鋼箱梁橋，採樁帽式基礎及雙柱式橋墩，路燈及欄杆納入「白鷺」與「浪」的設計元素。不僅重現昔日諸羅八景「鷺橋跨浪」的意象，更體現重視人本交通，加大兩側人行道寬度。

工程自111年4月30日開工後，於112年5月5日即完成上、下游通行便橋施工及改道後通行，雖主橋施工期間受112年9月10日區域性瞬間豪雨及海葵、小犬、凱米、山陀兒及康芮等多個颱風登陸影響，在立法院交通委員會與交通部李孟諺部長（時任）蒞臨關切及鼓勵下，仍僅歷經一年半即完成興建，期間更獲得勞動部金安獎佳作及工程會金質獎入選評比的肯定，並在交通部陳世凱部長於113年11月16日主持通車典禮剪彩，113年11月17日上午7時恢復至新橋通行，完成世代傳承－鷺橋跨浪重現軍輝的任務。



▲以人本關懷出發設置行人專用道
Pedestrian-only pathways designed with a people-oriented focus.

Strengthening the Bridge Structure to Benefit Road Users

The reconstruction of the main bridge resulted in a total length of 295 meters and a width of 25 meters, with the number of piers reduced from ten to five. This adjustment increased the flood discharge cross-section and lowered flood levels by over seven centimeters. A dedicated left-turn lane was added to the bridge, reducing traffic delays and improving peak-hour service levels from Level D to Level C or above. Enhancements in material strength and a reduction in expansion joints have improved the bridge's durability and ride comfort. These upgrades not only optimize the transportation network but also facilitate access to surrounding areas, improving transport conditions and fostering regional industrial development.

The reconstruction project for Junhui Bridge on Provincial Highway No.18 spans from 17k+358~17k+658. The key tasks included: (1) To minimize the impact on the dense traffic flow of the existing roadway, two temporary pile-column steel I-girder bridges were constructed upstream and downstream, measuring 275 meters and 296.5 meters in length and both 10.2 meters in width. Traffic and pedestrians were rerouted onto these temporary bridges, allowing for the one-time demolition and reconstruction of the original structure. (2) The main bridge was rebuilt as a steel box girder bridge with five continuous spans and one simply-supported span, supported by cap foundations and double-column piers. Its streetlights and railings incorporate design elements inspired by "egrets" and "waves," reviving the historic imagery of Bailu Bridge ("Egret Bridge Crossing Waves"), one of the former Eight Views of Zhuluo. Additionally, the project reflects a commitment to pedestrian-friendly design by widening sidewalks on both sides to enhance safety and accessibility.

The construction began on April 30, 2022, and by May 5, 2023, the upstream and downstream temporary bridges were completed, allowing traffic diversion. Despite challenges during the main bridge construction caused by localized torrential rains on September 10, 2023, and the impacts of Typhoons Haikui, Koinu, Gaemi, Krathon, and Kong-rey, the project was completed in just one and a half years. This achievement was supported by the Legislative Yuan's Transportation Committee and former MOTC Minister, Li Meng-yen's visits and encouragement. The project earned Honorable Mention in the Ministry of Labor's Golden Safety Awards for Public Construction and was shortlisted for the Public Construction Commission's Golden Quality Award. On November 16, 2024, Minister, Chen Shih-kai presided over the ribbon-cutting ceremony, and the new Junhui Bridge officially opened to traffic at 7:00 a.m. on November 17, 2024. This milestone successfully fulfilled the mission of continuing the legacy of Bailu Bridge while showcasing military glory through modern engineering.



▲ 軍輝橋空拍圖
Aerial photograph of Junhui Bridge.

以前瞻基礎暨生活圈道路建設計畫 持續打造優質公路系統

Forward-Looking Infrastructure Program and Region-Based Road System Construction Project: Continuing to Build a Superior Highway System

推動人本價值友善道路

為配合區域交通建設整體發展需求及減碳之永續施政方針，協助地方建構完善路網，藉以提昇區域運輸效能，活絡地方產業經濟，公路局透過推動「生活圈道路交通系統建設計畫（公路系統）」及「前瞻基礎建設－提升道路品質計畫（公路系統）」等2項補助型計畫，實現有效串聯公路路網與既有道路品質與人行友善環境改善提升，讓民眾對「行」的安全，民眾生活環境及品質改善更有感。

補助項目多元化道路建設更完善

本期「生活圈道路交通系統建設計畫（公路系統）6年計畫（111~116年）」，中央編列經費345億元，除延續過往補助地方政府辦理公路系統新闢拓寬事項，亦匡列資源協助山地原民地區、偏鄉或村里急需改善之道路、橋梁進行整建修復，藉以消彌易致災或危險瓶頸路段，協助建構完善路網。整體計畫截至113年底已核定補助地方計200件道路改善及先期作業案，道路新闢拓寬及改善里程數約91.6公里。

另「前瞻基礎建設－提升道路品質計畫（公路系統）（106~114年）」編列中央經費約228.92億元，除協助地方政府辦理都市計畫區外之公路系統道路路面品質與景觀改善，亦將提升人本友善環境等納入補助範疇，截至113年底已完成642件工程案，累計完成路面長度約2,170公里、人行道改善約35公里、路口改善340處及綠化面積約65,000平方公尺。

強化友善道路功能邁向永續環境

未來道路建設除既有之交通運輸功能外，同時亦需將強化偏遠地區聯外交通以達區域平衡、加強人本友善與無障礙環境建置、降低對環境生態衝擊影響、提升適應氣候變遷能力、建立生態景觀公路及持續利用綠色或再生材料等多個面向納入規劃考量，以期帶給用路人一條安全順暢之永續優質道路。



▲ 提升道路品質計畫補助案－彰化縣縣道139線路面品質與路容景觀改善及人行道設置
Subsidized project under the Road Quality Improvement Project: Road surface improvement, landscape beautification, and pedestrian walkway installation on County Highway No.139 in Changhua County.



▲ 提升道路品質計畫補助案－苗栗縣苗26線與119甲線路面品質、路口及人行道改善
Subsidized project under the Road Quality Improvement Project: Road surface, intersection, and pedestrian walkway improvements on County Highways No.26 and No.119A in Miaoli County.

Promoting People-Oriented Values and User-Friendly Highways

To align with the overall development needs of regional transportation infrastructure and the sustainable governance strategy of carbon reduction, the Highway Bureau has actively assisted local governments in constructing comprehensive road networks. These efforts aim to enhance regional transportation efficiency, stimulate local industrial and economic activity, and improve public satisfaction with transportation safety and living environments. Through the implementation of two subsidized programs—the "Region-Based Road System Construction Project (Highway System)" and the "Forward-looking Infrastructure Development Program—Road Quality Improvement Project (Highway System)"—the Highway Bureau has effectively interconnected highway networks, upgraded existing road quality, and improved pedestrian-friendly environments. These initiatives have significantly contributed to public confidence in transportation safety while enhancing the overall quality of life.

Subsidizing Diverse Projects for Comprehensive Road Infrastructure

The six-year "Region-Based Road System Construction Project (Highway System)" (2022–2027) has been allocated NT$345 billion by the central government. This initiative continues to subsidize local governments in constructing new roads and widening highways while allocating resources to improve roads and bridges in indigenous mountain areas, remote regions, and rural villages. The project aims to eliminate hazardous or disaster-prone bottlenecks and establish a comprehensive road network. As of the end of 2024, the project has approved subsidies for 200 road improvement and preliminary work projects, resulting in approximately 91.6 kilometers of newly constructed, widened, or upgraded roads.

Under the "Forward-Looking Infrastructure Development Program—Road Quality Improvement Project (Highway System)" (2017–2025), the central government allocated approximately NT$22.892 billion to assist local governments in enhancing road pavement quality and landscape aesthetics for highway systems outside urban planning areas. The program also incorporated subsidies to promote pedestrian-friendly environments. By the end of 2024, a total of 642 projects had been completed, improving approximately 2,170 kilometers of road surfaces, upgrading 35 kilometers of pedestrian walkways, enhancing 340 intersections, and greening an area of about 65,000 square meters.

Strengthening User-friendly Road Functions and Advancing Environmental Sustainability

In the future, road construction projects will not only fulfill traditional transportation functions but also address various critical aspects. These include enhancing connectivity to remote areas to achieve regional balance, creating people-oriented and barrier-free environments, minimizing environmental and ecological impacts, improving resilience to climate change, developing scenic ecological highways, and incorporating green or recycled materials. These measures aim to provide road users with safe, smooth, sustainable, and high-quality roads.



▲ 生活圈計畫補助案－苗栗縣竹南鎮龍鳳漁港聯外道路興建工程
Subsidized project under the Region-Based Road System Construction Project: Construction of the access road connecting Longfeng Fishing Harbor in Zhunan Township, Miaoli County.



▲ 生活圈計畫補助案－花蓮縣縣道193線19k+840~22k+500（南海四街至花蓮大橋段）路段拓寬工程
Subsidized project under the Region-Based Road System Construction Project: Road widening of County Highway No.193 from 19k+840~22k+500 (Nanhai 4th Street to Hualien Bridge section) in Hualien County.

113 年災害重建

Disaster Reconstruction Work in 2024



▲ 0403地震發生震度分佈及災害斑點圖
Seismic intensity distribution and damage location map from the April 3 earthquake.

重創台9線及台8線東段			
點位	路線	災點位置	強度
1	台8線	183.7k	5+
2	台8線	181.5k	5+
3	台8線	180.7k	5+
4	台8線	179.5k	5+
5	台8線	175.7k	5+
6	台8線	175k	5+
7	台8線	173.5k	5+
8	台8線	172.3k	5+
9	台8線	167.7k	5+
10	台8線	161.8k	5+
11	台8線	158k	5+
12	台8線	142.2k	5-
13	台8線	132.2k	5-
1	台9線	143.15k	6-
2	台9線	148k	6+
3	台9線	158.3k	6-
4	台9線	158.6k	6-
5	台9線	159.3k	6-
6	台9線	163.4k	6-
1-11	台8線臨37	11處	5-

即刻修復　恢復通車

113年4月3日早上7時58分發生花蓮芮氏規模7.2級地震，震度最大6強級位於花蓮縣秀林鄉，造成台9線蘇花公路、台8線東段花蓮路段及台8線西段台中地區計30處重大災阻，其中台9線158.6k下清水橋被巨大落石砸毀，造成整個台9線蘇花公路全線阻斷，所幸橋旁有一日治時代留存之橋梁，經清理後下午可開放人行，4月6日搶修恢復小車通行，5月30日恢復雙向通車；而台8線天祥地區遊客遭困4天，在4月7日早上全線搶通供東行脫困，其他災點經東區養護工程分局及中區養護工程分局努力搶災下，短期即開放通車。

強化邊坡　復原靜養

經地震催殘後的中橫公路及蘇花公路，已埋下日後難以復原的邊坡災況，需長時間靜養方可恢復；公路局各分局仍持續不斷努力下，台9線6處災阻復建、台8線6處邊坡改善及台8線西段11處災阻復建，在積極搶修後可於113年12月底前完成短期強化公路邊坡防護，尤其在台8線東段長春祠~閣口路段，東區養護工程分局更積極將183.6k邊坡提前搶通，0403地震公路局計需16.18億元經費預計113~115年辦理搶修及復建工程。



▲ 台8 線183.6k以型框植生辦理災害修復
Slope restoration at 183.6k on Provincial Highway No.8 using frame-structure vegetation.

Immediate Repairs and Restoration of Traffic

At 7:58 a.m. on April 3, 2024, a magnitude 7.2 earthquake occurred in Hualien County, reaching a peak seismic intensity of 6 ("strong") in Xiulin Township. The quake severely disrupted traffic in 30 locations along Provincial Highway No.9 (Suhua Highway), the eastern section of Provincial Highway No.8 (Hualien area), and the western section of Provincial Highway No.8 (Taichung area). Among these sites, the Xiaqingshui Bridge on the Provincial Highway No.9 158.6k was heavily damaged by massive falling rocks, completely blocking the Suhua Highway. Fortunately, an adjacent bridge dating from the Japanese colonial period was quickly cleared and opened to pedestrian traffic the same afternoon. Small vehicles were able to cross by April 6, and full two-way traffic resumed on May 30. Meanwhile, tourists in the Tianxiang area on Provincial Highway No.8 were stranded for four days. Emergency repairs allowed eastbound evacuation by the morning of April 7. Other affected locations were rapidly cleared, thanks to the diligent efforts of the Eastern Region Branch Office and Central Region Branch Office of the Highway Bureau, enabling prompt restoration of traffic.

Strengthening Side Slopes for Long-term Restoration and Stability

Following the earthquake caused severe slope damage to Provincial Highway No.8 (Central Cross-Island Highway) and Provincial Highway No.9 (Suhua Highway), leaving long-term challenges for recovery and stabilization. Prolonged restoration efforts are required to address these issues. Despite these difficulties, the Highway Bureau's regional branches have made significant progress in disaster recovery, completing short-term slope stabilization measures at six locations on Provincial Highway No.9, six slope improvement projects on Provincial Highway No.8, and 11 reconstruction sites along the western section of Provincial Highway No.8. These efforts are expected to conclude by December 2024. In particular, the Eastern Region Maintenance Branch has expedited repairs at the 183.6k mark of the eastern section of Provincial Highway No.8 (between Changchun Shrine and Gekou Road), reopening this critical segment ahead of schedule. For overall reconstruction following the disaster, the Highway Bureau has allocated a budget of NT$1.618 billion to implement repair and reconstruction projects from 2024 through 2026.



▲ 113年9月28日行政院卓榮泰院長（右2）、交通部陳世凱部長（中間）及公路局陳文瑞局長（左2）在台8線183.6k視導
On September 28, 2024, Premier, Cho Jung-tai (R2), MOTC Minister, Chen Shih-kai (center), and Highway Bureau Director-General, Chen Wen-juei (L2) inspected the restoration progress at 183.6k on Provincial Highway No.8.

不畏艱難　積極搶通

地震後不久，7月24日強烈颱風凱米生成，為自105年以來第一個登陸的強烈颱風，其間帶來的豪雨嚴重影響南部地區，尤其是高雄地區總累積雨量接近2,000mm超大豪雨，造成台20線明霸克露橋鋼便橋遭沖毀及便道流失超過1,000m，僅台20線南橫路段即發生10處重大災阻，本次颱風影響全省道計36處重大災阻，有20處當日搶通，台8線中橫9處災阻，4天全線搶通，台9線蘇花公路6處大型土石流，5天全線搶通，台20線明霸克露橋舊橋沖毀，4天搶通供東行解除孤島，12天全線搶通，公路局估需31.52億元辦理搶修及復建工程，其中台20線及台29線需求超過20億元以上。



▲ 明霸克路橋災損
Damage at the Mingba-Kelu Bridge site.

接踵而來的10月5日山陀兒颱風及11月1日康芮颱風，造成另一波嚴重災害，但公路局各分局高效率的搶災下，山陀兒颱風造成10處阻斷，其中台2甲線在113年10月5日當天發生超大豪雨，造成3處（4.2k、5.25k、8.3k）重大災阻，皆於當日全數搶通；另康芮颱風造成46處阻斷，17處當日搶通，26處3天內搶通，本次災情亦造成台20線明霸克露橋1,000m便道流失，當日搶通供東行解除孤島，6天全線搶通。

公路局皆依循養護手冊執行日常巡檢，並確實執行災前確實整備，災中待命動員，災後高效率的搶修及復建，降低災害所帶來民眾的不便及危害風險，盡速恢復全國省道服務之功能。



▲ 113年8月2日行政院卓榮泰院長（右1）、公路局陳文瑞局長（左2）視察台20線明霸克路橋鋼便橋遭沖毀及搶修情形
On August 2, 2024, Premier, Cho Jung-tai (R1) and Director-General, Chen Wen-juei (L2) inspected the washed-out temporary steel bridge and emergency repair work at the Mingba-Kelu Bridge site on Provincial Highway No.20.



▲ 台2甲線8.3k上邊坡發生大崩塌
There was a major landslide on the upper slope at 8.3k of Provincial Highway No.2A.

Proactive Emergency Repairs Undaunted by Adversity

Shortly after the earthquake, Typhoon Gaemi formed on July 24, 2024, as the first severe typhoon to make landfall in Taiwan since 2016. The torrential rainfall severely impacted southern Taiwan, particularly Kaohsiung, where cumulative precipitation reached nearly 2,000 mm. The Mingba-Kelu Bridge steel temporary bridge on Provincial Highway No.20 was washed away, along with over 1,000 meters of detour road, leading to ten major blockages along this highway alone. Across Taiwan's provincial highways, the typhoon caused 36 major disruptions; 20 were reopened on the same day. On Provincial Highway No.8 (Central Cross-Island Highway), nine blockages were cleared within four days, while six large landslides along the Provincial Highway No.9 (Suhua Highway) were resolved within five days. The destroyed Mingba-Kelu Bridge was reopened to eastbound traffic within four days, lifting isolation for nearby communities, and full traffic restoration across the Southern Cross-Island Highway was achieved within 12 days. The Highway Bureau estimates that emergency repairs and reconstruction will cost NT$31.52 billion, with over NT$20 billion allocated for Provincial Highways No.20 and No.29 alone.

Subsequently, on October 5, Typhoon Krathon and on November 1, Typhoon Kong-rey brought severe damage. Thanks to the swift disaster response by the Highway Bureau's regional branches, all 10 road blockages caused by Typhoon Krathon were cleared on the same day, including major disruptions at 4.2k, 5.25k, and 8.3k on Provincial Highway No.2A due to extreme rainfall. Typhoon Kong-rey caused 46 road closures, with 17 cleared on the same day and 26 within three days. Additionally, 1,000 meters of detour road at the Mingba-Kelu Bridge site on Provincial Highway No.20 were washed away; however, access to isolated communities was restored on the same day via the eastern route, with full access restored within six days. The Highway Bureau adheres to its maintenance manual by conducting routine inspections, preparing thoroughly before disasters, mobilizing during emergencies, and efficiently repairing and reconstructing afterward. These measures minimize inconvenience and risks for the public while swiftly restoring the functionality of Taiwan's provincial highway network.

113 年公路防災成果彙報

Highway Disaster Prevention and Outlook in 2024



▲ 下清水橋搶通開放大型車通行
Reopening of the Xiaqingshui Bridge to large vehicles.

迅速動員　接駁運輸

一場突如其來芮氏規模7.2的0403大地震，震央位於臺灣花蓮縣近海，震源深度為15.5公里，橋斷、路塌、落石的危險景象隨處可見。此次地震影響東部省道甚鉅，其中台9線蘇花公路158.6k處巨大落石導致下清水橋損毀造成道路中斷並有人車受困情事。公路局第一時間先行提供民生必需用品予受困民眾，並優先撤離受困人車，亦於道路阻斷期間啟動鐵路及海運接駁；並於4日內（4月6日）完成短期搶通供小型車單線雙向通行，續於2個月內（5月30日）開放大型車輛通行。另台8線中橫公路東段中斷造成天祥各景點有民眾受困，公路局即刻啟動災情勘查作業，並確認民眾受困地點後，除提供民生必需用品，並於4月7日安排13輛中型巴士由台8線中橫公路西段進入，撤離晶英酒店等地受困民眾近200人抵達臺中高鐵站，嗣後積極搶通轄管省道公路，於震後5日內（4月7日）阻斷省道公路均已完全搶通。

Rapid Mobilization and Shuttle Transportation Services

On April 3, a magnitude 7.2 earthquake struck off the coast of Hualien County at a depth of 15.5 kilometers, causing widespread damage including collapsed bridges, road failures, and rockfalls. Among the severely affected areas was at the Provincial Highway No.9 (Suhua Highway) 158.6k, where a massive rockslide destroyed the Xiaqingshui Bridge, cutting off traffic and leaving people and vehicles stranded. The Highway Bureau promptly provided essential supplies to those stranded and prioritized their evacuation. During the road closure, alternative transportation via rail and sea was arranged to maintain connectivity. Remarkably, within four days (by April 6), a temporary single-lane two-way passage for small vehicles was restored, and full access for larger vehicles was achieved within two months (by May 30).

Additionally, road blockages on the eastern section of Provincial Highway No.8 (Central Cross-Island Highway) stranded visitors in the Tianxiang scenic area. The Highway Bureau immediately initiated disaster assessments and, after confirming the locations of those affected, provided essential supplies. On April 7, thirteen medium-sized buses were dispatched via the western section of the highway to evacuate nearly 200 people—including those at the Silks Place Taroko Hotel—to the Taichung High-Speed Rail Station. Emergency restoration of all affected provincial highways was completed within five days of the earthquake (by April 7), ensuring full resumption of traffic.

Emergency Repairs Following Typhoon and Torrential Rain to Fully Restore Roadway Access

From July 22 to 26, 2024, Typhoon Gaemi caused severe disruptions to Taiwan's highway network. On July 24, multiple landslides blocked the Suhua Highway (Provincial Highway No.9). The Highway Bureau restored full traffic flow within seven days (by July 30) and activated



▲ 下清水橋損毀
Damage sustained by the Xiaqingshui Bridge.

風災豪雨搶修　恢復全線通行

113年7月22日至26日凱米颱風，台9線蘇花公路於24日發生多處坍方阻斷，公路局於7日內（7月30日）搶通全線開放，並啟動蘇花海運備援機制，由航港局配合海象自7月28日緊急調度相關船舶維持東部往返北部交通。台20線南橫公路94k明霸克露橋鋼便橋及橋台引道受颱風豪雨影響於7月26日毀損中斷，公路局於12日內（8月6日）以河床涵管便道先行搶通，提供高雄市桃源區復興里、拉芙蘭里及梅山里民眾作為運送民生物資及緊急救難之基本需求。台29線臨11便道那瑪夏至五里埔路段於7月25日發生路基流失掏空缺口，公路局於9日內（8月2日）搶通河床便道，恢復人車通行。

113年9月29日至10月4日山陀兒颱風，台20線94k明霸克露橋路段再次受颱風豪雨影響中斷，公路局於3日內（10月5日）完成臨時便道，恢復南橫公路全線通行。另台2甲線5.25k及8.3k處金山路段受到颱風與東北季風共伴影響，於10月4日起陸續發生大規模坍方中斷，公路局於2日內（10月5日）搶通，恢復全線通行。



▲ 搶修明霸克露橋河床便道
Emergency repair work on the riverbed detour at the Mingba-Kelu Bridge site.



▲ 台9線158.3K邊坡整治
Slope stabilization work at 158.3k on Provincial Highway No.9.

113年10月29日至11月1日康芮颱風，台9線蘇花公路有多處災情並造成鐵、公路均阻斷，於11月1日啟動疏運備援方案，包含公路客運接駁及航空、海運等加開航班，維持運能。台20線94k明霸克露橋路段於10月31日因荖濃溪河水暴漲夾帶土石沖擊，導致鋼便橋流失72公尺及河床便道流失約1,000公尺，道路中斷，公路局於4日內（11月3日）先行搶通梅山~向陽路段，開放往臺東通行，解除高雄市桃源區復興里、拉芙蘭里及梅山里孤島效應；西段於5日內（11月6日下午5時）搶通河床維生便道。

113年受地震及颱風災情致蘇花路廊多次道路中斷，對於民眾通行及社會經濟影響甚大，公路局與相關運輸機關協力進行用路人接駁疏運作業，以維持東部運能，公路局與航港局進行航運人員接駁3次（0403花蓮地震、凱米颱風、康芮颱風），共14日，總計開行461班次，疏運8,664人，另協助臺鐵接駁南迴鐵路1次（凱米颱風），共2日，總計開行75班次，疏運1,268人。

the Suhua marine backup mechanism. In coordination with sea conditions, the Maritime and Port Bureau redeployed vessels beginning July 28 to maintain transportation between eastern and northern Taiwan. On July 26, torrential rain destroyed the steel temporary bridge and approach road at the 94k mark of Provincial Highway No.20 (Mingba-Kelu Bridge, Southern Cross-Island Highway). Within 12 days (by August 6), the Highway Bureau completed a riverbed detour using culverts, ensuring access for residents in Fuxing, Lafulan, and Meishan villages in Taoyuan District, Kaohsiung City, meeting basic needs for supply delivery and emergency relief. On July 25, roadbed erosion disrupted Detour Road 11 between Namaxia and Wulipu on Provincial Highway No.29. The Highway Bureau reopened the riverbed detour route to traffic within nine days (by August 2).

From September 29 to October 4, 2024, Typhoon Krathon caused disruptions along several major highways in Taiwan. The Mingba-Kelu Bridge section at the 94k mark on Provincial Highway No.20 was cut off due to heavy rains and flooding. Within three days, by October 5, the Highway Bureau successfully constructed a temporary detour to restore full access along the Southern Cross-Island Highway. Similarly, landslides affected the Jinshan section of Provincial Highway No.2A at the 5.25k and 8.3k marks due to the combined impact of Typhoon Krathon and the northeast monsoon. The Highway Bureau reopened these sections within two days, ensuring full traffic restoration by October 5.

From October 29 to November 1, 2024, Typhoon Kong-rey caused significant disruptions across Taiwan, including multiple roadblocks along the Suhua Highway and suspension of rail and road services. On November 1, the Highway Bureau activated an emergency transportation plan, incorporating highway shuttle buses and additional air and sea transport to maintain connectivity. On October 31, flooding from the Laonong River destroyed 72 meters of the steel temporary bridge and approximately 1,000 meters of the riverbed detour road at the 94k mark of Provincial Highway No. 20 (Mingba-Kelu Bridge). Within four days (by November 3), the Highway Bureau reopened the Meishan–Xiangyang section, restoring eastbound access to Taitung and lifting the isolation of Meishan, Fuxing, and Lafulan villages. On November 6 at 5:00 p.m., a temporary riverbed detour was completed on the western side.

In 2024, multiple earthquakes and typhoons caused repeated disruptions along the Suhua Highway corridor, significantly impacting public mobility and the regional economy. The Highway Bureau collaborated with related transportation agencies to implement shuttle and diversion services, ensuring transportation capacity in eastern Taiwan. The Highway Bureau and the Maritime and Port Bureau jointly operated maritime transport services on three occasions—following the April 3 earthquake, Typhoon Gaemi, and Typhoon Kong-rey—over a total of 14 days. These operations included 461 trips, transporting 8,664 passengers. Additionally, the Highway Bureau coordinated with Taiwan Railways Corporation to provide shuttle services on the South Link Line for two days after Typhoon Gaemi, completing 75 trips and transporting 1,268 passengers.



▲ 客運接駁疏運
Shuttle bus services were deployed for passenger evacuation and traffic relief.

2
單元

為服務
便民作出發　腳步不曾停歇

To Serve –
Convenience for the People and Continual Progress



貼心到點便民服務
微型電動二輪車登記掛牌執行成果

Thoughtfully Serving the Public: Results of Registration and License Plate Services for Mini Electric Two-Wheel Vehicles

微型電動二輪車登記領牌

公路局自111年11月30日起，執行微型電動二輪車（以下稱微電車）納管登記領用懸掛號牌；並對於業已在使用中的微電車，給予車主2年的掛牌緩衝期，已於113年11月29日屆期。

考量民眾辦理微電車掛牌的便利性，延續112年便民服務措施，持續辦理3種「到點服務」方式：「定量」或「定期定點」到點服務掛牌，為服務偏遠地區民眾，與當地民政單位合作，以「定期」巡迴方式辦理。外籍移工掛牌登記，則派員至工業區、科學園區、人力仲介公司等機關（構）辦理納管登記事宜。主動出擊到點服務掛牌便民服務措施，持續運作至微電車掛牌緩衝期屆期為止，113年度計辦理1,865場到點服務，核發號牌數為3萬3,989輛。



▲ 微電車實車查核作業
On-site inspection and verification of Mini Electric Two-Wheel Vehicles.

行車安全有保障

113年度由各監理所、站藉由輪流發布新聞稿、電臺專訪及網路媒體等多元的宣傳管道，及善用各地方的行政單位、經銷商、工業區管理單位及外籍移工機構等強力宣傳緩衝期即將屆期，提醒民眾儘速完成登記;並配合「監警聯合稽查作業」增加班次針對微電車進行攔查與宣導。

自111年11月30日實施掛牌登記起至113年11月29日屆期，使用中車輛已經完成掛牌車輛數有21萬1,157輛；新車領牌數為5萬5,880輛，2年內總計領牌數為26萬7,037輛。為便利車主就近辦理掛牌登記，跨機關合作「到點服務」作業，共計辦理6,488場，總發牌數為8萬9,292輛。



▲ 至校園辦理「到點服務」作業
Providing "on-site services" for Mini Electric Two-wheel Vehicle registration at a school campus.



▲ 配合「監警聯合稽查作業」進行攔查與宣導
Stop-and-check and public education conducted through joint inspections by motor vehicles offices and police.

Registration and License Plates for Mini Electric Two-Wheel Vehicles

On November 30, 2022, the Highway Bureau began implementing the registration and license plate issuance process for Mini Electric Two-Wheel Vehicles (hereinafter referred to as "mini e-vehicles"). A two-year grace period was granted for vehicles already in use, allowing owners to comply with the license plate requirement; this period expired on November 29, 2024.

To enhance convenience for the public in registering mini e-vehicles, the Highway Bureau extended the user-friendly service measures introduced in 2023 and continued implementing three types of on-site services in 2024: "scheduled quantity-based," "regularly timed and fixed-location," and "mobile scheduled" services. For residents in remote areas, the Directorate collaborated with local civil affairs offices to provide mobile registration services. For foreign migrant workers, staff were dispatched to industrial parks, science parks, and labor recruitment agencies to assist with vehicle registration. These proactive on-site services will remain operational until the end of the registration grace period. In 2024, a total of 1,865 on-site service events were conducted, resulting in the issuance of 33,989 license plates for mini e-vehicles.

Ensuring the Safety of Vehicle Operations

In 2024, motor vehicles offices across the country took turns conducting a wide range of public awareness campaigns. These included issuing press releases, participating in radio interviews, and utilizing online media platforms. Additionally, the offices collaborated with local administrative agencies, vehicle dealers, industrial park management units, and migrant worker organizations to widely promote the upcoming expiration of the registration grace period, urging the public to complete registration promptly. To reinforce these efforts, joint inspections with the police were conducted more frequently, involving stop-and-check operations and on-the-spot education specifically targeting Mini Electric Two-Wheel Vehicles.

From the start of the registration program on November 30, 2022, until the expiration of the grace period on November 29, 2024, a total of 211,157 used Mini Electric Two-wheel Vehicles completed registration and received license plates, along with 55,880 new vehicles, amounting to a total of 267,037 registered vehicles over two years. To improve accessibility for vehicle owners, inter-agency cooperation enabled 6,488 on-site service sessions to be held, during which 89,292 license plates were issued.



▲ 赴「工業區」宣導掛牌作業事項
Outreach and awareness campaign on license plate requirements conducted at an industrial park.

跨機關合作有成效　偽造號牌案件逐月下降

Effective Interagency Cooperation Steadily Reduces Cases of Forged License Plates

車輛號牌由公路監理機關核發，具有公文書性質，非向監理機關申領皆為偽造號牌。偽造號牌構成刑法第212條偽造特種文書罪，使用偽造號牌則違反道路交通管理處罰條例第12條及刑法第216條行使偽造特種文書罪。

針對113年中旬偽造號牌案件頻傳情形，於113年8月為高峰（261件），公路局與各機關遂透過精進法制面、查緝面、防偽供應鏈面、網路平臺面等4大方向，研擬阻絕境外輸入、阻斷網路資訊、跨機關查緝及修法加重處罰等策略共同執行。經統計偽造號牌案件9月（188件）下降27%、10月（153件）下降41%、11月（131件）下降49%、12月（101件）更已下降達61%，逐步使偽造號牌不敢賣、買不到及不敢用。

公路局與各單位將持續合作打擊製造、販售、使用偽造車牌之不法行為，且蒐集、參考國內外防偽技術，研議於現行號牌防偽基礎下，再納入多道防偽設計，以杜絕偽造號牌亂象。



▲ 公路局與執法單位合作打擊使用偽造車牌之不法行為
The Highway Bureau and law enforcement agencies collaborate to combat the illegal use of forged license plates.

Vehicle license plates are issued by Motor vehicle agencies and are classified as official documents. Any license plate not formally issued by these agencies is considered forged. Forging license plates constitutes the offense of forging special documents under Article 212 of the Criminal Code. Additionally, using such forged license plates violates Article 12 of the Road Traffic Management and Penalty Act and Article 216 of the Criminal Code, which governs the use of forged special documents.

In response to the surge in forged license plate cases during mid-2024, which peaked at 261 cases in August, the Highway Bureau collaborated with various agencies to implement a comprehensive strategy. This included strengthening legal frameworks, enhancing enforcement efforts, disrupting counterfeit supply chains, and managing online platforms. Measures such as blocking imports of counterfeit plates, disabling online sales channels, conducting joint interagency crackdowns, and amending legislation to increase penalties were executed. These efforts yielded significant results: cases decreased to 188 in September (a 27% reduction), 153 in October (41% reduction), 131 in November (49% reduction), and 101 in December (61% reduction). The initiative effectively deterred the sale, purchase, and use of forged license plates.

The Highway Bureau, in collaboration with relevant agencies, will continue efforts to combat the illegal activities of manufacturing, distributing, and using counterfeit license plates. Additionally, research and development are underway to incorporate advanced multi-layered anti-counterfeiting designs, based on domestic and international technologies, to strengthen the security features of license plates and eliminate counterfeiting issues.



▲ 臺中區監理所南投監理站與南投縣政府警察局埔里分局，113年12月13日南投埔里鎮中山路一段辦理監警聯合稽查，查獲懸掛偽造號牌車輛
On December 13, 2024, the Nantou Station of the Taichung Motor Vehicles Office and the Puli Precinct of the Nantou County Police Bureau conducted a joint inspection on Section 1 of Zhongshan Road in Puli Township, Nantou County, uncovering a vehicle with forged license plates.

考照有訓練　安全看得見

Training for Motorcycle License Tests to Improve Safety



▲ 安駕訓練－整隊出發訓練
Road Safety Training: Team departure for on-road training.

交通部自108年積極推動「機車駕訓」補助計畫，凡經完整「機車駕訓」課程後取得駕照者，每人可獲得1,300元補助，113年持續辦理，整年度超過4.3萬人報名，反應相當熱烈。

為持續精進機車訓練制度，並建立學員實際上路之訓練模式，112年起推動道路安駕訓練補助計畫，由駕訓班教練帶領學員實際上路訓練，113年並擴大推動，除檢討修正課綱，使訓練項目對應機車主要事故原因，包含變換車道、安全車距與內輪差、停讓行人及無號誌路口等重要項目外，亦擴大試辦規模，由原14家試辦駕訓班增加至40家駕訓班試辦，補助人數亦自112年2,117人提升至113年5,460人，建立機車駕駛人上路後安全駕駛及風險感知與判斷之能力。

113年委託國立陽明交通大學研究，經統計經駕訓者較未參加者違規風險降59%、事故風險降低36%，而統計安駕訓練學員資料，同時參加駕訓及道路安駕訓練者，違規風險更是降低64%、事故風險降低51%，同時參加兩項訓練者對於降低事故風險成效尤其顯著，作為公路局未來推動道路訓練融入駕訓課程重要之推動基礎。



▲安駕訓練－實際道路行駛情形
Road Safety Training: Riding on actual roads.

Since 2019, the MOTC has actively promoted the Motorcycle Safety Training Subsidy Program. Individuals who complete the full motorcycle training course and obtain a license are eligible to receive a subsidy of NT$1,300. The program continued in 2024, attracting over 43,000 participants, reflecting a highly enthusiastic response.

To continuously improve the motorcycle training system and establish a practical on-road training model, the Road Safety Training Subsidy Program was launched in 2023. Under this initiative, driving school instructors lead students in real-world road practice. In 2024, the program was expanded significantly, with revisions to the curriculum addressing key causes of motorcycle accidents, including lane changing, maintaining safe distances, accounting for large vehicle turning radii, yielding to pedestrians, and navigating uncontrolled intersections. The pilot program grew from 14 participating driving schools to 40, with the number of subsidized trainees increasing from 2,117 in 2023 to 5,460 in 2024. This initiative aims to equip motorcycle riders with safe driving habits and enhance their risk perception and decision-making abilities on the road.

In 2024, the Highway Bureau commissioned National Yang Ming Chiao Tung University to conduct a study on motorcycle training programs. The findings revealed that participants who completed motorcycle training had a 59% lower risk of traffic violations and a 36% lower risk of accidents compared to those without training. Furthermore, individuals who participated in both the "Motorcycle Safety Training" and "Road Safety Training" programs experienced a 64% reduction in violation risks and a 51% decrease in accident risks. These results underscore the significant impact of dual training programs, providing a solid foundation for the Highway Bureau's future initiative to integrate road safety training into standard motorcycle education courses.

實現淨零排碳家園　電巴維修人員技術再升級

Building a Net-Zero Carbon Emission Homeland: Upgrading Technical Skills of Maintenance Personnel for Electric Buses

公路局為達成行政院淨零轉型關鍵戰略七「運具電動化及無碳化」之「市區公車2030年公車全面電動化」目標，公路人員訓練所自109年起推動「電動大客車保養及維修人力培訓計畫」，近年已完成「師培期」（109~110年）、「籌備及試辦期」（111~113年）、113年進行3期試辦課程，計15家汽車客運業者，派訓維修人員計60人，進行轉型訓練，報名情況相當熱烈。

公路局「電動大客車保養及維修人力培訓」試辦課程，計35小時，包含電動大客車三電核心課程（18小時）、高壓電作業安全課程（9小時）及學術科測驗與座談（8小時）；另除學、術科外，為使學員於安全環境下熟悉高壓電維修安全規定及斷電程序，特別開發電動大客車保養維修技術VR教學系統，提升學員安全認知及高壓電實作信心，本試辦課程獲得媒體報導露出11則，並獲得學員100%滿意度之高度肯定。

為持續推動市區公車業者之維修人員由燃油車全部轉型至電動車維修能力，於「專案執行期」（114~119年）假公訓所北、中、南三地辦理訓練課程，預計訓練國內業者之全部後勤維修人力轉型計1,170人，以協助提升國內業者電動車維修人員能力及提升業者電動車輛妥善率。



▲ 高壓電危害、急救及車輛高壓保護措施教學
Instruction on high-voltage hazards, first aid, and vehicle high-voltage protection measures.

To achieve the Executive Yuan's "Net-Zero Transition" Strategy No.7—"Electric and Carbon-free Vehicles," specifically the goal of fully electrifying urban buses by 2030—the Highway Bureau Training Institute has been implementing the "Electric Bus Maintenance Personnel Training Program" since 2020. The program has completed the "Teacher Training Phase" (2020–2021) and the "Preparation and Trial Implementation Phase" (2022–2024). In 2024, three pilot sessions were conducted, with 60 maintenance personnel from 15 bus companies participating in transformation training. The program has received enthusiastic responses.



▲ 分組術科實習演練
Hands-on group practice in electric bus maintenance.

The Highway Bureau initiated the "Electric Bus Maintenance and Repair Training Program," offering a 35-hour pilot course that includes 18 hours of core instruction on the three key electric bus systems—motor, battery, and electronic control unit (ECU), 9 hours of high-voltage electrical safety training, and 8 hours of academic testing and discussion. To ensure trainees understand high-voltage maintenance safety protocols and power disconnection procedures, the program incorporated a VR teaching system specifically designed for electric bus maintenance technology. This innovative module enhances safety awareness and builds confidence in high-voltage operations. The pilot program has received extensive media coverage with 11 reports and achieved a 100% satisfaction rate among participants, reflecting its success in advancing professional competencies.



▲ 接地系統設置
Installation of a grounding system.

To facilitate the transition of urban bus maintenance staff from internal combustion engine (ICE) vehicles to electric vehicles (EVs), the Highway Bureau launched the "Electric Bus Maintenance and Repair Training Program." During the program implementation phase (2025–2030), training courses will be conducted at centers in northern, central, and southern Taiwan. The initiative aims to train 1,170 maintenance personnel nationwide, equipping them with the skills needed to support EV operations and improve vehicle reliability.

感謝有愛讓無礙成真
112 年度擴大辦理無障礙秘密客調查評鑑作業

Realizing an Obstacle-Free Environment: Expanded Implementation of the 2023 Survey and Evaluation by Undercover Passengers with Disabilities

擴大無障礙秘密客調查

公路局自104年起積極督導所轄公路汽車客運業者依「身心障礙者權益保障法」第53條規定提供無障礙運輸服務，另於106年訂定服務身障人士乘車標準作業流程，製作書面教材及相關教學影片。要求公路客運業者須納入教育訓練課程，並督導業者定期辦理教育訓練，亦將該教材提供各縣市政府納入市區客運業者教育訓練課程，讓駕駛員於訓練時進行實車操作，以熟悉無障礙服務標準作業流程。

鑒於駕駛員拒載身障者、服務態度不佳及身障者搭乘公車意外頻傳，公路局自108年起定期辦理「無障礙秘密客查核計畫」，委託當地身障團體，由可單獨出行之輪椅身障者擔任秘密客，實際考核公路客運業無障礙服務標準作業流程落實情形，藉此檢視服務缺失並研擬具體改善措施。經查服務缺失比例已自108年17%降為111年6%，符合標準作業流程之項目比例更已達到94%。

有愛服務打造無礙環境

為打造對身障人士友善的無障礙乘車環境，提供更優質的運輸服務，公路局於112年起擴大辦理無障礙秘密客調查作業，調查對象除公路客運外再納入市區客運，該調查案已於113年底辦理完成，共計查核47家公路客運業者及97家市區客運業者，271條市區客運路線及115條公路客運路線（含國道及一般），並將秘密客調查意見提供主管機關及業者作為督導及改善之參考，而調查結果亦將影響客運業營運虧損補貼核撥比例；另外，對於成績優等之業者則頒予獎座以資鼓勵，盼能使全國客運業者更加重視並持續精進無障礙運輸服務品質，體現良善的循環。



▲ 駕駛員服務輪椅乘客上車
A bus driver assists a wheelchair user in boarding the bus.

Expansion of the Survey by Obstacle-Free "Undercover Passengers"

Since 2015, the Highway Bureau has actively supervised highway bus operators under its jurisdiction to comply with Article 53 of the People with Disabilities Rights Protection Act, ensuring the provision of accessible transportation services. In 2017, the Highway Bureau established Standard Operating Procedures (SOPs) for transporting persons with disabilities and developed written training materials and instructional videos. These materials were incorporated into staff training programs by highway bus operators, who were also required to conduct regular training sessions. The materials have also been distributed to local governments for inclusion in urban bus company training programs, ensuring that drivers receive hands-on vehicle practice during training to become familiar with SOPs for providing accessible services.

In response to incidents of drivers refusing service to passengers with disabilities, displaying poor attitudes, and frequent accidents involving disabled passengers on buses, the Highway Bureau launched the "Accessible Secret Passenger Audit Program" in 2019. This initiative commissions local disability advocacy groups to deploy wheelchair users capable of independent travel as undercover passengers to evaluate how well highway bus operators implement accessible service SOPs. The audits identify service deficiencies and inform improvement measures. Since the program's inception, service deficiency rates have dropped from 17% in 2019 to 6% in 2022, while compliance with SOP indicators has reached 94%.



▲ 駕駛員服務輪椅乘客上車
A bus driver assists a wheelchair user in boarding the bus.

Service with Compassion to Build an Obstacle-Free Transportation Environment

To create a friendly and accessible transportation environment for persons with disabilities, the Highway Bureau expanded the "Obstacle-Free Undercover Passenger Survey Program" in 2023 to include urban bus services alongside highway bus services. By the end of 2024, the survey had been completed, covering 47 highway bus operators and 97 urban bus operators, across 115 highway bus routes (including national and regional highways) and 271 urban bus routes. Feedback collected from undercover passengers was provided to relevant authorities and operators as a reference for supervision and improvement. The survey results also influenced subsidy allocation ratios for compensating operational losses among bus operators. To encourage excellence, awards were presented to operators with outstanding performance, aiming to inspire all transportation providers to prioritize accessibility and continuously improve service quality, fostering a virtuous cycle of inclusive transportation.

客運友善乘車再進化 危險物品車輛納管更升級 113 年車輛動態資訊成果彙報暨展望

Achievements and Prospects on Dynamic Vehicle Information in 2024: Further Improvements to Disabled-Friendly Bus Services and Enhanced Management of Vehicles Carrying Dangerous Goods

打造友善乘車服務　有愛無礙悠遊自在

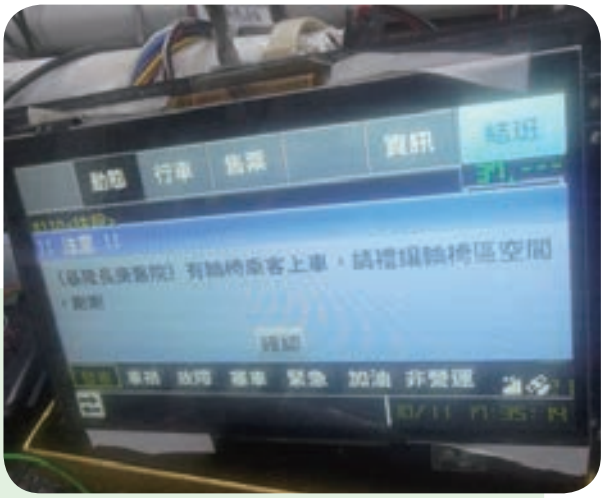
為實現友善無障礙乘車服務，公路客運APP推出「智慧招手服務」，結合APP與車機實體設備，身障朋友僅需在候車地點透過APP選擇上車地點與搭乘路線，當車輛即將抵達預約上車地點前，車內設備會主動通知駕駛與乘客，提醒將有身障朋友上車，藉由「車知道人來，人知道車來」的雙向即時互動，提供更貼心的乘車體驗。預計試辦路線經訪談無障礙團體，選定服務需求較高地區共計4條公路客運路線，包含雙北基隆地區的2088、1815路線，以及嘉義地區的7211、7212路線。目前系統刻正精進建置，期透過這項創新智慧服務，讓身障朋友出行移動便利性更升級，並鼓勵走出戶外看見在地最美風景，共同為公路客運的溫馨服務創造更多社會良善價值。

推動危險物品車輛科技化管理守護運輸安全

為因應未來危險物品車輛GPS車機全面納管法制化，公路局以遊覽車及公路客運的成功經驗為基礎，導入科技化效能管理措施，藉由制定資料傳輸統一介面納入GPS車機補助計畫，讓危險物品車輛營運管理透明化與標準化，並且與消防署建立API數據共享機制，使救援單位在事故發生時，能迅速取得車輛位置、運載物質等關鍵資訊，強化即時應變能力。同時也將危險物品車輛動態資訊管理平臺的使用權限開放給運輸業者，協助業者自主監控車輛運行狀況，降低潛在風險，落實汽車運輸業營運安全管理。



▲ 車內站名播報器顯示即將有輪椅乘客上車
The onboard stop name display indicates that a wheelchair-bound passenger is about to board.



▲ 駕駛座旁車機通知司機即將有輪椅乘客上車
A device next to the driver's seat notifies the driver that a wheelchair-bound passenger is about to board.

Creating Passenger-friendly Services to Enable Obstacle-free and Leisurely Travel

To provide a disabled-friendly and accessible bus service, the Highway Bureau has introduced the "Smart Beckoning Service" through its iBus (Intercity Bus) APP, integrating APP functions with onboard equipment. Passengers with disabilities can use the APP to select their boarding location and desired bus route. Before the bus arrives at the designated stop, onboard equipment automatically alerts the driver and passengers, ensuring everyone is aware that a disabled passenger will be boarding. This two-way real-time interaction—"the bus knows the person is coming, and the person knows the bus is coming"—offers a more considerate and seamless travel experience. Following consultations with accessibility advocacy groups, four trial routes were selected based on high service demand: routes 2088 and 1815 in northern Taiwan, and routes 7211 and 7212 in Chiayi. The system is currently undergoing refinement to enhance its functionality further. Through this innovative smart service, mobility for individuals with disabilities is expected to improve significantly, encouraging them to venture outdoors and experience local scenic beauty. This initiative exemplifies warm and thoughtful public transportation services, fostering greater social inclusivity and positivity.



▲ 危險物品車輛動態資訊管理平臺
Dangerous Goods Dynamic Vehicle Information Management Platform.



▲ 輔導業者運用危險物品車輛動態資訊管理平臺
Guiding transport companies in the use of the Dynamic Information Management Platform for Vehicles Carrying Hazardous Goods.

Promoting Technology-based Management of Vehicles Carrying Dangerous Goods to Ensure Transportation Safety

In response to the future creation of a legal framework to comprehensively manage vehicles equipped with GPS and carrying hazardous materials, the Highway Bureau has drawn on its successful experience with tourist bus and intercity bus to introduce technology-based management measures for such vehicles. By introducing a unified interface for transmission of specified data into the vehicle GPS subsidy program, operational management of vehicles carrying hazardous materials can be made more transparent and standardized. In addition, in cooperation with the National Fire Agency, the Highway Bureau has built an API data-sharing mechanism so that when an accident occurs, response units can rapidly access critical data such as the vehicle's location and the material being carried, thereby strengthening immediate response capabilities. At the same time, permission to use the Dangerous Goods Dynamic Vehicle Information Management Platform has been extended to transport companies to help them improve their supervision and control of vehicle operations, reduce potential risks, and implement operational safety management in the transport industry.

3
單元

為暢行
與趨勢同步　以創新擘劃藍圖

**To Keep Transportation in Step with Trends –
Innovative Planning and Implementation**



鄉里間奔走　笑容裡的幸福風景
幸福巴士金運獎頒獎典禮暨工作坊

Moving in Rural Areas amidst Scenes of Happiness: The Happiness Bus Golden Transportation Awards Ceremony and Workshop

齊心努力　讓偏鄉交通更友善

偏鄉交通的改善是一項長期且持續扎根的工作，除需投入資源與鬆綁法規外，亦需在遍地開花的眾多結果中，培育出卓越、傑出的績優範例讓各界參考學習，故公路局113年著手試辦2024幸福巴士金運獎的評選與頒獎典禮，並敬邀交通部王國材部長（時任）、縣市政府與營運業者一同參與；另同日下午舉辦幸福巴士工作坊邀請專家學者、主管機關與第一線同仁現場交換意見，期許透過工作坊蒐集第一線實際遭遇問題，凝聚各單位共識，為偏鄉交通找出創新解方。

此次入圍鄉鎮有屏東縣春日鄉、屏東縣來義鄉、臺中市和平區、新竹縣尖石鄉與高雄市美濃區等5處鄉鎮。不僅在營運績效指標上皆有亮眼表現外，亦在其日常營運中加入符合在地文化或實際需求之細心服務，讓偏鄉的公共運輸增添了有感溫度，如春日鄉幸福巴士在醫療路線首創通譯人員隨車服務，陪伴在地長者乘車與就醫，落實在地關懷；屏東縣來義鄉與醫院簽立獨立門診優先安排看診；臺中市和平區建立行車通報群組，醫生利用幸福巴士巡迴看診；新竹縣尖石鄉透過無線電即時聯繫，有效掌握路況並提升行車安全；高雄市美濃區以乘客、媒合中心與司機建立聯絡網絡，落實就養接送並促進長輩社會參與，將關懷模式擴散複製至其他鄉鎮區。

結語

當日下午舉辦幸福巴士工作坊主題，聚焦在「在地服務、營運精進」、「需求調查、客貨共載」、「績效衡量、評鑑制度」等三個議題分場次討論，與會人士從理論、管理與實際執行面的不同角度切入，透過自身經驗更能融入與聚焦，進而對於討論議題達成初步共識，以精進、強化未來幸福巴士之政策執行與營運，確保路線服務符合偏鄉在地居民日常出入、通勤通學與就醫各項民生需求。



▲ 春日鄉幸福巴士獲得本屆金運獎卓越獎之殊榮
The Chunri Township Happiness Bus program won the "Outstanding Award" at the 2024 Golden Transportation Awards.



▲ 透過工作坊討論幸福巴士未來應精進方向
There were discussions at the Happiness Bus Workshop on how to improve services in the future.

Collective Efforts to Facilitate Transportation in Remote Communities

Improvement of transportation in remote communities is a long-term and continuous task at the local level. Besides the need for resource investment and relaxation of relevant laws and regulations, it also requires the cultivation of outstanding models for everyone to learn from. Therefore, in 2024 the Highway Bureau held, on a trial basis, the 2024 Happiness Bus Golden Transportation Awards. NOTC Minister, Wang Kwo-tsai (fomerly), officials from local governments, and representatives of businesses were invited to attend. In the afternoon of the same day, the Highway Bureau held the Happiness Bus Workshop, to which experts and scholars, competent authorities, and front-line colleagues were invited for on-site exchanges of views, with the aim of collecting information about actual problems faced on the front lines and building consensus for innovative solutions to the problems of transportation in remote areas.

Award-winning townships and districts included Chunri Township and Laiyi Township in Pingtung County, Heping District in Taichung City, Jianshi Township in Hsinchu County, and Meinong District in Kaohsiung City. Not only did they all perform at a high level in terms of transportation indicators, they also incorporated thoughtful services in their daily operations that conformed to local culture or met actual needs, adding warmth to public transportation in remote areas. For example, Chunri Township was the first to have interpreters accompany buses on Happiness Bus routes stopping at healthcare facilities to assist local elders in riding the bus and seeking medical care, thereby putting local care into practice. Laiyi Township signed an agreement with a hospital to provide priority consultations through dedicated outpatient services. In Heping District, a vehicle dispatch group was established, enabling doctors to use Happiness Buses to provide mobile medical services. In Jianshi Township, real-time radio communication was implemented to monitor road conditions and enhance driving safety. Meanwhile, Meinong District developed a communication network connecting passengers, a matching center, and drivers to facilitate transportation for elderly care and promote seniors' social participation. This thoughtful care model has been successfully replicated in other townships and districts.

Consensuses

The Happiness Bus Workshop, held in the afternoon following the awards ceremony, centered on three key themes: "local services and operational improvements," "needs assessment and joint transport of passengers and goods," and "performance evaluation and assessment systems," with dedicated sessions for in-depth discussion. Participants approached the topics from theoretical, managerial, and practical perspectives, integrating personal experiences to enhance focus and engagement. Through these discussions, preliminary consensuses were reached to refine and strengthen future Happiness Bus policies and operations. The initiative aims to ensure that routes effectively address the daily transportation needs of residents in remote areas, including commuting for work, school, and accessing medical care.



▲ 幸福巴士透過彈性運輸與最適運具深入偏鄉服務，改變偏鄉居民的出入困境
Happiness Bus programs use flexible transport optimally suited to remote areas to provide services that have improved the difficult transportation situation of residents in remote communities.

賀公共運量成長超過 15%
TPASS 慶週年　乘車金大放送活動

Celebrating a 15% Increase in Public Transportation Growth with TPASS Anniversary Passenger Rewards Activity

TPASS通勤月票於113年已實施邁入第2年，為了鼓勵既有客群持續使用，並吸引潛在使用者購買，以擴大TPASS使用族群，公路局在113年4月24日於臺北車站大廳邀請行政院陳建仁院長（時任）、交通部王國材部長（時任）、各縣市政府及相關業者共同參與「TPASS慶週年乘車金大放送」記者會，透過該活動記者會說明TPASS月票階段性實施成果及宣布感恩回饋抽獎活動開跑，並鼓勵民眾踴躍使用及上網登錄參與抽獎。

本次感恩回饋抽獎活動除了公路局提供「鐵粉獎」、「熟客獎」及「新客獎」等3個獎別共450個獎項，其中最高15,000元TPASS乘車金外，更有17個TPASS合作夥伴（各縣市政府、運輸業者、票證公司及驗票機廠商）共同響應活動並提供加碼，讓活動總獎項高達1,436個；另活動期間（113年4月24日起至113年6月30日止）累計共有10萬5,410人登錄參加（約占TPASS使用人數16.5%），其中符合新客獎資格占31%、熟客獎資格占23%、鐵粉獎資格占46%，民眾參加意願相當踴躍。

為確保抽獎程序符合公平、公正及公開的原則，公路局於113年7月16日在該局一樓辦理公開抽獎直播記者會（同時於該局官方社群帳號提供直播服務），並邀請第三方公證律師全程見證及加碼獎響應單位來共同參與。本次活動非常感謝民眾對於TPASS月票的支持與肯定，並希望透過這次的抽獎活動可以鼓勵更多民眾加入TPASS月票使用行列，希望大家可以一起用行動來支持公共運輸，共同創造公共運輸的里程碑。



▲ 113年4月24日臺北車站大廳舉辦TPASS慶周年乘車金大放送活動記者會
The press conference held in the main hall of Taipei Main Station on April 24, 2024 to announce the "TPASS Anniversary Celebration: Big Giveaway of Travel Credits" activity.



▲ 113年7月16日公路局一樓大廳辦理抽獎直播記者會
The live-streamed prize drawing and press conference held in the first-floor lobby of the Highway Bureau's main building on July 16, 2024.

The TPASS monthly commuter pass entered its second year of implementation in 2024. To encourage existing users to continue using the pass and attract potential new users, the Highway Bureau held a press conference on April 24 at the main hall of Taipei Main Station. The event, titled "TPASS Anniversary Celebration: Big Giveaway of Travel Credits," was attended by the Premier, Chen Chien-jen (formerly), MOTC Minister, Wang Kwo-tsai (formerly), as well as representatives from local governments and related industries. During the press conference, the Highway Bureau presented the phased achievements of the TPASS implementation and announced the launch of a gratitude prize drawing activity, encouraging the public to actively use the TPASS and register online to participate in the drawing.

The Highway Bureau organized a gratitude prize drawing event for TPASS users, offering a total of 450 prizes across three categories: the "Big Fan Prize," the "Frequent User Prize," and the "New User Prize." The top prize included NT$15,000 in TPASS credit. Additionally, 17 TPASS partners—including local governments, transportation operators, ticketing companies, and card reader manufacturers—participated in the event by contributing bonus prizes, bringing the total number of prizes to 1,436. During the activity period from April 24 to June 30, 2024, a total of 105,410 individuals registered to participate, accounting for approximately 16.5% of TPASS users. Among the participants, 31% qualified for the New User Prize, 23% for the Frequent User Prize, and 46% for the Big Fan Prize, demonstrating strong public enthusiasm. To ensure fairness, impartiality, and transparency in the prize drawing process, the Highway Bureau held a public prize drawing and press conference on July 16, 2024, in its first-floor lobby. The event was live-streamed via the Bureau's official social media platforms. A third-party notary was invited to witness the entire process alongside representatives from bonus prize sponsors. This initiative expressed gratitude to the public for their support and recognition of the TPASS monthly pass system while encouraging more individuals to adopt TPASS. The Highway Bureau hopes this event inspires collective action to support public transportation and marks a new milestone in its development.

智慧綠能停車管理
打造友善停車空間與提升整體環境品質

Smart and Green Parking Management: Enhancing User-Friendly Parking Spaces and Environmental Quality



▲ 新竹縣竹東鎮仁愛立體停車場
The Ren'ai multistory parking lot in Zhudong Township, Hsinchu County.

納入亮點計畫　協助改善地區發展需求及環境

行政院於106年2月18日聽取國家發展委員會報告「城鄉建設－地方前瞻基礎建設事宜」會議提示，請交通部研議提出公共運輸服務計畫，納入停車問題改善評估，若停車場管理具示範效果，可容許地方政府依其發展特色及需求提出專案亮點計畫納入，以協助地方政府改善地區發展需求；交通部依據行政院上述政策方向，提出「改善停車問題計畫」。

透過縮短私人運具的旅程長度，可在接近公共運輸路線提供適合地點，讓駕駛人可停妥車輛，並搭乘公共運輸前往目的地。停車轉乘設施可扮演私人運具及公共運輸之介面，並在引導這些市區或大都市之郊區居民由私人運具改用公共運輸系統，擔任關鍵的角色，然而降低私人運具停放於路邊時，則有更多空間可改善道路，以優化道路品質供用路人使用。

智慧化停車管理及綠能性別友善提升停車服務品質

為鼓勵及增加大眾運輸使用，透過創造較佳的停車轉乘設施，並搭配接駁運具與市中心連接，避免過多車輛進入市中心、人車商業密集區域造成交通壅塞，另由於許多遊憩據點並未設置大眾停車場或停車場地不足，以致沿路



▲ 彰化縣三和公園地下停車場
The underground parking lot at Sanhe Park in Changhua County.

Incorporating Parking Lots into "Highlight Projects" to Better Meet Regional Development and Environmental Needs

During a report by the National Development Council (NDC) to the Executive Yuan on February 18, 2017 on the subject of "Forward-looking Infrastructure Construction—Urban and Rural Development," the NDC proposed that the MOTC be asked to study and propose a public transportation services program and incorporate an assessment of how to improve parking problems. If a parking lot is managed in a model way, it can be incorporated into a special "Highlight Project" proposed by its local government based on its development characteristics and needs. This is aimed at helping local governments improve regional development. Based on the policy orientation adopted by the Executive Yuan, the MOTC proposed the "Parking Problem Improvement Plan".

By providing suitable parking locations near public transportation routes, drivers can park their private vehicles and transfer to public transportation to reach their destinations, effectively shortening the journey length of private vehicle use. Park-and-ride facilities serve as critical interfaces between private vehicles and public transportation systems, playing a key role in encouraging suburban residents of cities or metropolitan areas to switch from private vehicles to public transit. Additionally, reducing roadside parking of private vehicles frees up space for road improvements, optimizing road quality for all users.

Smart Parking Management, Green Energy, and Gender-friendly Measures to Upgrade the Quality of Parking Services

To encourage greater use of public transportation, the Highway Bureau has been creating better park-and-ride facilities and providing shuttle services to connect with city centers, in order to prevent an excess of vehicles from entering downtown areas and zones with dense concentrations of people and businesses, which would otherwise cause traffic congestion. In addition, many tourist destinations lack public parking lots or have insufficient parking spaces, leading to roadside parking. As a result, the MOTC



▲ 屏東縣東港鎮停二立體停車場
The Ting'er multistory parking lot in Donggang Township, Pingtung County.

邊停車。因此，交通部研訂「前瞻基礎建設—城鄉建設—改善停車問題計畫」，期藉由優先補助公共運輸場站停車轉乘、觀光遊憩旅次量大之地區等停車位不足，具示範效果之路外公共收費停車場，並透過智慧化停車管理服務、綠能及性別友善設計原則，提升停車場使用效益與服務品質，以改善停車空間不足問題，滿足停車轉乘及觀光等停車需求。

執行成果

一、奉行政院109年9月7日院臺交字第1090029856號核准，改善停車問題計畫將補足各年期經費，並延長整體計畫期程從106年9月至113年12月；又本案修正計畫於111年8月16日奉行政院核定，修正後總經費為260億元，並延長整體計畫期程至114年8月。

二、截至113年，已完成核定補助20縣市157座停車場，合計總工程經費為582.49億元，中央補助257.09億元（預計可提供大型車102席、汽車42,582席及機車20,478席），已完工停車場94處，可提供大型車66席、汽車26,814席及機車10,861席，改善各地交通及停車問題。另各縣市補助情形如下：

(一) 整體規劃案件核定20件合計1億3,520萬元；可行性評估案件核定59件合計7,192.4萬元。

(二) 工程案件：已核定157件（基隆市3件、臺北市4件、新北市28件、桃園市19件、新竹市8件、新竹縣8件、苗栗縣2件、臺中市23件、彰化縣6件、雲林縣3件、嘉義市6件、嘉義縣1件、臺南市13件、高雄市9件、屏東縣10件、宜蘭縣3件、臺東縣1件、澎湖縣2件、金門縣3件、連江縣5件），中央補助經費合計為257.09億元。

formulated the "Forward-looking Infrastructure Construction—Urban and Rural Development—Parking Problem Improvement Plan." This plan aims to prioritize subsidies for areas with inadequate parking spaces, such as park-and-ride facilities near public transportation stations and popular tourist destinations, as well as off-street fee-based public parking lots that can serve as demonstration models. Furthermore, by incorporating smart parking management services, green energy, and gender-friendly design principles, the plan seeks to improve the efficiency and service quality of parking lots. These measures will help alleviate the shortage of parking spaces and meet the parking needs of both park-and-ride users and tourists.

Implementation Results

1. Based on Executive Yuan approval in document No. Yuan-Tai-Jiao-Zi 1090029856 of September 7, 2020, funding was appropriated for the Parking Problem Improvement Plan, and the schedule for the entire plan was extended from September 2017 to December 2024. The amended version of the plan was approved by the Executive Yuan on August 16, 2022. After the amendments, total funding reached NT$26 billion, and the schedule was extended to August 2025.

2. As of the end of 2024, subsidies had been approved for 157 parking lots in 20 cities and counties, with total project costs of NT$58.249 billion. The central government provided subsidies of NT$25.709 billion, which are expected to create spaces for 102 large vehicles, 42,582 cars, and 20,478 motorcycles. Of these, 94 parking lots have been completed, providing spaces for 66 large vehicles, 26,814 cars, and 10,861 motorcycles, thereby helping to alleviate traffic and parking problems in various areas. Subsidy details by local government are as follows:

   (1) A total of 20 comprehensive planning projects were approved, with a combined cost of NT$135.2 million; 59 feasibility studies were approved, totaling NT$71.924 million.

   (2) A total of 157 construction projects have been approved (3 in Keelung City, 4 in Taipei City, 28 in New Taipei City, 19 in Taoyuan City, 8 in Hsinchu City, 8 in Hsinchu County, 2 in Miaoli County, 23 in Taichung City, 6 in Changhua County, 3 in Yunlin County, 6 in Chiayi City, 1 in Chiayi County, 13 in Tainan City, 9 in Kaohsiung City, 10 in Pingtung County, 3 in Yilan County, 1 in Taitung County, 2 in Penghu County, 3 in Kinmen County, and 5 in Lienchiang County), with a total of NT$25.709 billion in central government subsidies.



▲ 臺中市潭興立體停車場
The Tanxing multistory parking lot in Taichung City.

馬路如虎口　從小學習安全觀念
交通安全教育園區建置

Learning Traffic Safety from a Young Age: Establishment of the Traffic Safety Education Park

形塑交通安全新文化

公路局113年於桃園監理站設置全國首座「交通安全教育園區」，規劃以真實道路情境，以行人的日常視角出發，針對民眾在道路常見狀況，設置非號誌化路口、號誌路口、大型車視野死角、內輪差、步行安全及乘車安全等六大戶外體驗項目，以及室內區影音、遊戲、教具體驗互動學習；全程由專業志工講解，讓民眾能在真實且安全的環境內學習正確的交通安全觀念。園區於113年5月完工、6月開幕。

交通安全教育園區是監理機關推動道安工作，首次整合中央及地方多個機關資源挹注的場域。在中央，由交通部補助經費、公路局督導、公路局新竹所辦理、運輸研究所提供教學輔助軟體；在地方，有桃園市政府交通局及市府相關局處，協助標誌標線之規劃及繪製、志工招募、園區推廣等；還結合學界專家學者提供專業意見，以及民間長期關心兒少交通安全議題之靖娟兒童安全文教基金會，協助規劃教學項目、審查圖文、製作教案，並遴派專業講師，辦理志工培訓課程，培養民間道安種子，是監理機關推動道安工作首次納入非政府組織全力全程參與。

園區中另有公共電視文化事業基金會無償授權播放「妖果小學安全教育影片」（耗資千萬製作之動畫，專用於交通安全宣導）；國瑞汽車主動提供車輛，作為戶外體驗區教具，且贊助公益兒童劇團參與演出，積極展現CSR企業社會責任。



▲ 室內互動體驗
Indoor interactive instruction at the "Traffic Safety Education Park" (TSEP).

執行成果

交通安全教育園區受理民眾體驗，每一場次可容納30人，全程活動約90分鐘，並可視參訪者需要，客製化教學體驗內容，期待透過真實且安全的交通環境，讓孩童及各年齡層民眾或學生，以體驗方式加深對交通安全的觀念，進而具體實踐減少事故發生的風險，形塑交通安全新文化。

Building a New Culture of Traffic Safety

In 2024, the Highway Bureau established Taiwan's first "Traffic Safety Education Park" at the Taoyuan Station. The park is designed to simulate real road scenarios from the perspective of pedestrians, addressing common traffic situations encountered by the public. It features six outdoor experiential modules, including intersections with and without traffic signals, blind spots for large vehicles, inside wheel gaps, pedestrian safety, and vehicle boarding safety. Additionally, the indoor section offers audiovisual presentations, interactive games, and teaching aids for hands-on learning. Professional volunteers provide guided explanations throughout the experience, enabling participants to learn correct traffic safety concepts in a realistic yet safe environment. Construction was completed in May 2024, with the park officially opening in June.

The Traffic Safety Education Park represents the first initiative by motor vehicle agencies to integrate resources from central and local governments for promoting traffic safety. At the central level, the MOTC provided funding, the Highway Bureau supervised the project, the Hsinchu Motor Vehicles Office managed operations, and the Institute of Transportation developed instructional software. Locally, the Taoyuan City Department of Transportation and relevant municipal departments contributed to planning and painting traffic signs and markings, recruiting volunteers, and promoting the park. Academia provided professional input, while the Jing Chuan Child Safety Foundation, renowned for its dedication to child traffic safety, assisted in planning instructional content, reviewing materials, creating teaching plans, and dispatching professional instructors for volunteer training courses. This project marks the first instance of full-scale involvement by an NGO in a traffic safety initiative led by a motor vehicle agency, cultivating grassroots advocates for traffic safety and fostering collaboration across sectors.

The park features the animated series "Yaoguo Elementary School Safety Education Videos," produced by the Taiwan Public Television Service Foundation at significant expense and authorized for use free of charge, specifically for promoting traffic safety education. Kuozui Motors has voluntarily provided vehicles as teaching tools for the outdoor experiential zone and sponsored performances by public-interest children's theater troupes, actively demonstrating its corporate social responsibility (CSR).

Implementation Results

The TSEP offers experiential activities to the public, accommodating up to 30 participants per session with a duration of approximately 90 minutes. Customized instructional experiences can be arranged based on visitor needs. Through realistic and safe traffic scenarios, the park aims to deepen the understanding of traffic safety among children, students, and people of all ages. By fostering hands-on learning, the initiative seeks to reduce accident risks and cultivate a new culture of traffic safety.



▲ 園區打卡牆
Check-in wall at the TSEP.

行的安全不能等　完成省道路口安全改善

Road Safety Cannot Wait: Completion of Safety Improvements at Provincial Highway Intersections

緣起

113年2月22日18時21分彰化縣伸港鄉台17線與台61乙線（建國路與美港路）路口發生小客車（台17線由北往南行駛）與3位行人小姊弟（台61乙線由東往西行走）之交通事故，引發媒體報導指交通部螺絲未栓緊，走出行人地獄淪口號，引起社會大眾關注。

完成2,978處省道路口安全改善

公路局於113年3月啟動省道路口安全改善計畫，依路口風險等級與急迫性，全面快篩檢核並導入專家小組現勘與成立督導考核小組，預計113~114年完成公路局轄管省道路口檢核改善，並訂定113年9月底前完成500處路口改善、12月底前完成2,000處路口改善等目標。

省道路口（號誌及非號誌路口）多達29,208處，公路局依路口橫交道路類別（省道、20米以上道路、20米以下道路等類別），針對斜交路口角度小於60度、多岔路口及不對稱路口優先辦理安全強化。安全強化重點改善項目包含增設行人庇護島、行穿線退縮、擴大路口人行道、建置停等安全空間、增設行人專用號誌、增設左轉車道、縮減車道寬度、優化路口照明及路口安全視距檢視等，以提升路口安全。

經公路局各區養護工程分局依上揭原則與改善項目，積極辦理檢核改善，皆提早達成所訂目標，並於113年底共計完成2,978處改善，提供轄管省道公路舒適安全之行車環境。



▲ 台61乙線、台17線路口改善成果
Improvements to the intersection of Provincial Highway No.61B and No.17.

Origins

At 6:21 p.m. on February 22, 2024, at the intersection of Provincial Highway No.17 and No.61B (Jianguo Road and Meigang Road) in Shengang Township of Changhua County, there was a traffic accident involving a small car traveling south on Provincial Highway No.17 and three child pedestrians walking west on Provincial Highway No.61B. Media reports criticized the MOTC more actions needed, with some labeling Taiwan as a 'pedestrian hell.' This drew widespread public attention and concern.



▲ 台3線21.9K~22.6K改善成果
Improvements made to the 21.9k~22.6k section of Provincial Highway No.3.

Completion of Safety Improvement at 2,978 Provincial Highway Intersections

In March 2024, the Highway Bureau launched the Provincial Highway Intersection Safety Improvement Program. Based on risk levels and urgency, comprehensive rapid screenings and inspections were conducted, supplemented by on-site evaluations by expert teams and the establishment of a supervisory and assessment committee. The program aims to complete inspections and improvements at intersections under the Bureau's jurisdiction between 2024 and 2025, with specific targets set to improve 500 intersections by the end of September 2024 and 2,000 intersections by the end of December 2024.

There are 29,208 intersections on provincial highways, including both signalized and unsignalized crossings. The Highway Bureau prioritizes safety improvements at intersections based on the type of intersecting roads (provincial highways, roads wider than 20 meters, roads narrower than 20 meters, etc.) and intersection configurations such as acute angles (less than 60 degrees), multi-leg intersections, and asymmetrical layouts. Key enhancements include the installation of pedestrian refuge islands, setback crosswalks, widened sidewalks at intersections, creation of safe waiting spaces, pedestrian-only signals, dedicated left-turn lanes, narrowed vehicle lanes, optimized lighting, and intersection sight distance evaluations. These measures aim to improve overall intersection safety and create a safer environment.

The Highway Bureau's Region Branch Offices, in accordance with the aforementioned principles and improvement items, have actively conducted inspections and implemented enhancements, consistently achieving targets ahead of schedule. By the end of 2024, a total of 2,978 improvement sites were completed, by providing a safer and more comfortable driving environment on provincial highways under the Bureau's jurisdiction.

4

單元

為永續

路與環境雙重奏　幸福不止息

To Achieve Sustainability –
Harmony between Roads and the Environment



以公路串聯自然與人文　敍寫景觀之詩
省道公路獲美國繆思設計獎（MUSE Design Awards）及國際 IFLA 景觀大獎

Linking Nature and Culture with Highways: Provincial Highways Win MUSE Design Awards and International Federation of Landscape Architects (IFLA) Awards



▲蘇花路廊採用多孔隙自然砌石溝取代水泥光面溝渠
Porous natural masonry ditches have replaced polished concrete ditches in the Suhua Highway.

公路景觀表現亮眼！

美國繆思設計大獎（MUSE Design Awards）為國際獎項協會 International Awards Associates（IAA）的重點設計競賽，以發掘全球設計繆思為宗旨。公路局於 113 年上半年首次參加美國繆思設計大獎評比競賽，即以「太平洋國家景觀道路－蘇花路廊（蘇澳－東澳段）景觀改善工程規劃設計案」榮獲「景觀設計總體規劃類－銀獎」殊榮；下半年再度以「chain of Atayal －泰雅之鏈：台 8 線 17.6k~20k」獲「景觀維護類－銀獎」榮譽。與此同時，公路局「屏鵝公路 141 公里纜線地下化暨種樹百里 2.0 計畫」及「森森不息－以三生構築阿里山公路（台 18 線 78k~85k）」亦獲得「國際景觀建築師協會非洲、亞太暨中東區景觀大獎（IFLA LA AAPME Awards 2024）－自然災害與極端氣候類「佳作」肯定！

Brilliant Successes for Highway Scenery!

The MUSE Design Awards, organized by the International Awards Associates (IAA), is a prestigious global design competition aimed at discovering outstanding creative works worldwide. In the first half of 2024, the Highway Bureau participated for the first time in this competition and won the Silver Award in the "Landscape Design – Master Planning" category for its "National Pacific Coast Scenic Highway—Suhua Corridor (Su'ao to Dong'ao section) Landscape Improvement Planning and Design Project." In the second half of the year, the Bureau achieved another Silver Award in the "Landscape Design – Landscape Maintenance" category for its "Chain of Atayal" project on Provincial Highway No.8, from 17.6k~20k.

Meanwhile, the Highway Bureau's "Pingtung–Eluanbi Highway 141 km Cable Underground and Tree Planting 2.0 Project" and "Everlasting Forests: Building the Alishan Highway with the Three Pillars of Nature" (Provincial Highway No.18, 78k~85k) were recognized with Honorable Mention under the "Natural Disasters and Weather Extremes" category at the 2024 International Federation of Landscape Architects (IFLA) Africa, Asia-Pacific, and Middle East Awards (AAPME Awards).

Linking Nature and Culture: A Dialogue between Roads and Humans

After the completion of the "Suhua Highway Improvement Project", traffic volume on the Provincial Highway No.9 (the Suhua Highway section) significantly decreased. In response, the MOTC initiated plans to redefine this section of the road, transforming it into a scenic "slow-living" ecological route for tourism. Through the "National Pacific Coast Scenic Highway—Suhua Corridor" project, adjustments were made to the road's alignment and width to reduce vehicle speeds, while hard pavement areas were minimized to increase green spaces. Porous natural masonry ditches replaced polished concrete drainage systems, and ribbon-shaped ecological corridors were established to revitalize open spaces and enhance scenic experiences. The project incorporates numerous design elements that



▲ 台8線隙地融入泰雅民族傳統建築的休憩草坪
Fragmented land along Provincial Highway No.8 has been turned into leisure grassy spaces featuring traditional Atayal architecture.

串聯自然與人文　傾聽人與路的對話

蘇花改通車後，原台9線蘇花公路車流量大為減少，便構思將此路段重新賦予新定位，轉型蛻變為觀光慢活生態美景路線，調整公路線型及寬度以降低車速、減少硬鋪面增加綠地面積、以多孔隙自然砌石溝取代水泥光面溝渠，並營造帶狀生態棲地廊帶、活化隙地提升觀景體驗…等，處處可見與自然共融設計細節，與建構人本環境及永續發展的創意巧思。

台8線17.6k~20k位於臺中谷關地區，群山環護、緊鄰大甲溪，呈現雲鄉水陸多元融合的自然景緻，藉由將本路段公路畸零隙地及災害土石暫置區改造活化，包含部落小學通學安全的生態步道、白鹿吊橋景點環境改善及融入泰雅民族傳統建築及技藝的休憩草坪。不僅提升環境韌性，更讓隙地與自然生態縫合，成為走讀台8線山區生態環境及認識泰雅文化的旅遊據點，將公路串成一條緩慢發現山林風景的「泰雅之鏈」。

屏鵝公路涵蓋台1線及台26線，沿線行道樹常需遷就纜線高度進行修剪，導致樹形景觀不佳，每當強力風災來襲時亦時有電網路斷線導致供電中斷問題。為提升電力電信穩定及道路景觀美質，111年啟動「屏鵝公路141公里纜線地下化暨種樹百里2.0計畫」，透過機關跨域整合及溝通協調，完成纜線下地及景觀優化工作，打造無邊際天際線與綠意相隨的示範道路，也成為通往恆春半島極具代表性的景觀公路。

台18線78k~85k位處嘉義縣阿里山國家風景區，富有闊葉林、霧林帶優美林相，該路段以尊重「生物、生態、生命」之構想理念，推動公路與與自然環境間的生態共融。藉由隙地整理、模擬種子發芽環境、野地山採、綠資材利用、改良儲水型集水箱涵、種植蜜源植物吸引蝴蝶昆蟲、營造螢火蟲微棲息等方式，創造生態友善空間，建立兼具生態、景觀、人文的景觀公路。

獲獎路段由公路局工程人員透過長時間觀察與細緻用心地經營，在尊重自然環境之前提下進行公路改善並探詢各路段之獨特定位，113年度獲得國際獎項給予同仁莫大的鼓舞與肯定，未來公路局將秉持減量與生態理念，在兼顧地方與環境需求下致力景觀道路之經營。



▲ 屏鵝公路打造天際無限、綠意相隨的示範道路
The Pingtung–Eluanbi Highway is a model highway with an unobstructed skyline and verdant greenery.

harmonize with nature, embodying innovative concepts of human-centered environments and sustainable development.

The section of Provincial Highway No.8 between 17.6k and 20k, located in the Guguan area of Taichung City, is surrounded by mountains and adjacent to the Dajia River, offering a diverse natural landscape that harmoniously blends water and land. The Highway Bureau revitalized fragmented spaces and landslide debris storage areas along this route, transforming them into an ecological trail ensuring safe access for students of the local indigenous elementary school, improving the scenic environment around the Bailu Suspension Bridge, and creating leisure spaces incorporating traditional Atayal architecture and craftsmanship. This project not only enhances environmental resilience but also integrates fragmented spaces with the natural ecosystem, showcasing local culture and ecology. Over time, it has become a key destination for exploring the mountain ecology of Provincial Highway No.8 and learning about Atayal culture. Known as the "Chain of Atayal," this revitalized route connects the highway into a scenic and sustainable corridor that invites visitors to discover the beauty of Taiwan's mountain landscapes at a slower pace.

The Pingtung–Eluanbi Highway, encompassing Provincial Highways No.1 and No.26, faced challenges with roadside trees requiring frequent pruning to accommodate cable heights, leading to compromised aesthetics. Additionally, strong winds often caused cable damage, resulting in power outages. To address these issues, the Highway Bureau launched the "Pingtung–Eluanbi Highway 141 km Cable Undergrounding and Tree Planting 2.0 Project" in 2022. Through interagency collaboration and coordination, the project successfully completed cable undergrounding and landscape optimization, creating a scenic highway characterized by an unobstructed skyline and lush greenery. This initiative has established the Pingtung–Eluanbi Highway as a model landscape road and a symbol of the gateway to Hengchun Peninsula.



▲ 以三生構築推動阿里山公路與自然環境間的生態共融
The Alishan Highway is managed with an eye to harmonious co-existence with its natural environment.

The section of Provincial Highway No.18 78k~85k is located within the Alishan National Scenic Area in Chiayi County, featuring beautiful broadleaf forests and misty cloud forest landscapes. Guided by the concept of respecting "biodiversity, ecosystems, and life," the Highway Bureau has promoted ecological harmony between the highway and its natural surroundings. Through measures such as land integration, simulating seed germination environments, mountain wilderness cultivation, utilization of green materials, improved water-collection box culverts, planting nectar plants to attract butterflies and insects, and creating microhabitats for fireflies, the Bureau has established an eco-friendly space. This effort has resulted in a scenic highway that integrates ecology, landscape aesthetics, and cultural elements.

The award-winning road sections were meticulously observed and managed over an extended period by the engineers of the Highway Bureau. Improvements were carried out under the principle of respecting the natural environment while exploring the unique characteristics of each section. The recognition received from international awards in 2024 provided significant encouragement and affirmation to the Bureau's staff. Moving forward, the Highway Bureau will continue to uphold the concepts of impact reduction and ecological sustainability, striving to manage scenic roads in a way that balances local and environmental needs.

永續公路獲「2024 第四屆 TSAA 台灣永續行動獎」（工業、創新基礎建設）銀獎及 2024 第三屆 APSAA 亞太永續行動獎」銅獎

Sustainable Highways Win Silver at the 2024 4th Taiwan Sustainability Action Awards (TSAA) and Bronze at the 2024 3rd Asia-Pacific Sustainability Action Awards (APSAA)

和諧共好的交通環境

為建構人與自然和諧共好的環境，謀求人、車、環境的三方平衡永續，呼應聯合國永續發展目標是現今的普世價值。在形塑行車安全及人本友善願景部分，公路局進行多項公路改造計畫，包含優化標誌牌面、設立左轉專用道及人本交通設計，進化行車秩序與行人安全；另特別針對高齡社會，增設維護行人設施，保障行人通行安全；結合綠色公路設計，如智慧告警系統、自行車道、安全護欄及景觀改造，實現交通安全及舒適性，邁向幸福永續的交通環境。

在公路的永續性方面，一般都直覺聯想到生態保育、公共運輸系統、綠色交通工具等。實踐永續發展的方法多元且廣泛，據100年調查，溫室氣體排放量約占全球能源排放量的23%，其中3/4來自道路車輛。養護分局發現透過標線改造，從道路瘦身出發，增設左轉附加車道，藉此增加路口容量，能提升行車效率並減少停等時間，具間接降低碳排放與路口肇事率的效果。

秉持初衷　終獲肯定

公路局中區養護工程分局苗栗及南投工務段參加「2024年亞太暨台灣永續行動獎」競賽，從230個參賽單位507件參賽方案中脫穎而出。其中苗栗工務段以「智慧友善幸福公路」，參加SDG15陸域生態評比，榮獲「亞太永續行動獎－銀級」與「台灣永續行動獎－金級」肯定、南投工務段以「永續公路・從投心出發」，參加SDG9創新基礎建設評比，榮獲「亞太永續行動獎－銅級」與「台灣永續行動獎－銀級」肯定，對於中區養護工程分局同仁係莫大的肯定與鼓勵，公路局未來將持續秉持環境永續理念，於各項工程探尋友善且共生共好之營造，以接軌國際趨勢與願景目標。



▲ 113年亞太暨台灣永續行動獲獎
The 2024 Asia-Pacific and Taiwan Sustainability Action Awards.

A Transportation Environment with Harmony between Mankind and Nature

To foster a harmonious coexistence between people and nature while achieving a sustainable balance among individuals, vehicles, and the environment, the Highway Bureau has aligned its initiatives with the United Nations Sustainable Development Goals (SDGs), reflecting universal values. In shaping a vision of driving safety and people-oriented transportation, the Highway Bureau has implemented various highway improvement projects, including optimizing signage, establishing dedicated left-turn lanes, and incorporating people-centric traffic designs to enhance driving order and pedestrian safety. In response to the needs of an aging society, additional pedestrian facilities have been introduced to ensure safe walking environments. Furthermore, green highway design elements—such as smart warning systems, bicycle lanes, safety guardrails, and landscape enhancements—have been integrated to achieve both safety and comfort. These efforts aim to create a sustainable transportation environment that prioritizes happiness and long-term well-being.

In the context of highway sustainability, the focus often centers on ecological conservation, public transportation systems, and green vehicles. However, sustainable development encompasses a wide range of approaches. According to a 2011 survey, greenhouse gas emissions from road vehicles accounted for approximately 23% of global energy-related emissions, with three-quarters originating from road transportation. The Highway Bureau's region branch offices have identified that redesigning road markings—such as implementing road diets and adding dedicated left-turn lanes—can enhance intersection capacity, improve traffic efficiency, and reduce waiting times. These measures not only contribute to lowering carbon emissions but also effectively decrease the incidence of intersection-related accidents.



▲ 台14線稻田與九九峰自然美景
Beautiful natural scenery of rice fields and the Jiujiu Peaks along Provincial Highway No.14.



▲ 台14線草屯中正路為本次獲獎代表成果路段
The stretch of Provincial Highway No.14 known as Zhongzheng Road in Caotun Township, Nantou County, was one of the representative sections among the award winners.

Upholding Initial Principles, Ultimately Winning Acclaim

The Miaoli and Nantou Branches of the Central Region Branch Office of the Highway Bureau were recognized at the 2024 Asia-Pacific and Taiwan Sustainability Action Awards, standing out among 507 entries from 230 participating organizations. The Miaoli Branch's "Smart and Eco-Friendly Highway" project, submitted under SDG 15: Life on Land, received the Asia-Pacific Sustainability Action Award – Silver and the Taiwan Sustainability Action Award – Gold. The Nantou Branch's "Sustainable Highway – Starting from Commitment" project, submitted under SDG 9: Industry, Innovation, and Infrastructure, was awarded the Asia-Pacific Sustainability Action Award – Bronze and the Taiwan Sustainability Action Award – Silver. These accolades represent significant affirmation and encouragement for the team at the Central Region Branch Office. Moving forward, the Highway Bureau will continue to uphold the principles of environmental sustainability, pursuing eco-friendly and mutually beneficial construction practices in all projects to align with international trends and visionary goals.

有安全的工程　才有安心回家的路
參加金安獎比賽表現優異

Safe Projects Ensure a Secure Journey Home: Outstanding Performance at the Public Construction Golden Safety Awards

113年又是成果豐碩的一年，本年度公路局推出4件工程標案參加勞動部「2024第18屆優良工程金安獎」選拔，所有參賽工程皆榮獲佳作殊榮，揮出一記漂亮的全壘打！

「優良工程金安獎」係由勞動部透過透明、公開及專業的評選過程，鼓勵績優的標竿工程並公開表揚，以提供各界學習效仿。評選重點在於工程團隊對職業安全衛生資源重視投入、施工風險評估及傳遞、職業安全衛生管理系統運作、創新作為及科技化應用等整體的表現，公路局於第18屆金安獎榮獲4件佳作，得獎工程包括：中區養護工程分局「台74線（26k~30k）東昇里路段增設匝道工程」、南區養護工程分局「台20線明霸克露橋中期橋梁災害修復工程」、東區養護工程分局「台7甲線34k+300~34k+700道路邊坡災害改善工程」及北區公路新建工程分局「台64線銜接台61線南向匝道改善工程」。

為確保工程符合職業安全法規及營造安全友善的勞工作業環境，各參選分局透過督導設計單位滾動檢討施工風險與傳遞、監造單位落實工地安全衛生監督查核、承攬廠商友善勞工提供職場照護及提升完善工地安全設備，並善用科技措施進行施工安全管理，此次各參賽工程獲得勞動部評審委員的肯定，不僅是一份榮耀，更是各工程分局對於職業安全衛生管理長期努力的最佳肯定。



▲ 金安獎－中區養護工程分局台74線（26k~30k）東昇里路段增設匝道工程
PCGSA – Central Region Branch Office's Engineering Services for the Additional Ramps at Dongsheng Vil. of Provincial Highway No.74 (26k~30k).



▲ 金安獎－北區公路新建工程分局台64線銜接台61線南向匝道改善工程
PCGSA – Northern Region New Construction Branch Office's Provincial Highway No.64 connecting with No.61 Southbound Ramp Improvement Work.



▲ 金安獎－南區養護工程分局台20線明霸克露橋中期橋梁災害修復
PCGSA – Southern Region Branch Office's Mid-Term Bridge Disaster Repair at the Mingba-Kelu Bridge on Provincial Highway No.20.



▲ 金安獎－東區養護工程分局台7甲線34k+300~34k+700道路邊坡災害改善工程
PCGSA – Eastern Region Branch Office's Slope Disaster Improvement Project on Provincial Highway No.7A, 34k+300~34k+700.

The year 2024 marked another fruitful achievement for the Highway Bureau at the 18th Public Construction Golden Safety Awards (PCGSAs) organized by the Ministry of Labor. Four engineering projects were submitted, and all received Honorable Mention recognition, showcasing outstanding performance and achieving a perfect home run for the Highway Bureau!

The Public Construction Golden Safety Awards (PCGSA) are organized by the Ministry of Labor through a transparent, open, and professional selection process to recognize and publicly commend exemplary projects, serving as benchmarks for learning and emulation. Evaluation criteria focus on the overall performance of project teams in areas such as resource commitment to occupational safety and health (OSH), risk assessment and communication, implementation of OSH management systems, innovative practices, and technological applications. At the 18th PCGSA, the Highway Bureau received four Honorable Mention awards for outstanding projects. These included the "Engineering Services for the Additional Ramps at Dongsheng Vil. of Provincial Highway No.74 (26k~30k)" by the Central Region Branch Office, the "Mid-Term Bridge Disaster Repair Project at Mingba-Kelu Bridge on Provincial Highway No.20" by the Southern Region Branch Office, the "Roadside Slope Disaster Improvement Project on Provincial Highway No.7A 34k+300~34k+700" by the Eastern Region Branch Office, and the "Southbound Ramp Improvement Project Connecting Provincial Highway No.64 to Provincial Highway No.61" by the Northern Region New Construction Branch Office.

To ensure compliance with occupational safety and health (OSH) regulations and create a safe and friendly working environment, the participating branch offices supervised design units in conducting rolling reviews and communication of construction risks, ensured supervision units implemented rigorous OSH inspections, and guided contractors in adopting labor-friendly practices, enhancing workplace care, and upgrading site safety equipment. Additionally, advanced technological measures were utilized for construction safety management. The recognition received from the Ministry of Labor's evaluation committee is not only an honor but also a testament to the branch offices' long-term dedication to OSH management.

環境友善與工程專業並行　獲各方支持肯定 蘇花安計畫順利完成環評程序

Dual Focus on Environmental Protection and Engineering Excellence: Successful Completion of the Environmental Impact Assessment for the Suhua Highway Safety Improvement Project

通過環境影響評估　預計121年完工

「台9線蘇花公路安全提升計畫」（簡稱蘇花安計畫）環境影響評估作業，歷經環境部環境影響評估專案小組現勘及2次初審會議審查，於113年8月6日經環境部環境影響評估審查委員會第17次會議審查通過，推動蘇花安計畫的工作往前跨出重要的一大步。

蘇花公路是花蓮地區往返臺北宜蘭唯一條聯外公路，蘇花安計畫將未納入蘇花改計畫之東澳～南澳、和平～和中、和仁～崇德等路段進行改善，將提供可靠的全天候服務同時也降低行車肇事率，亦有利大眾運輸公路客運的發展。

為加速推動計畫，公路局由相關單位所組成之推動小組自109年起辦理綜規及環評工作，邀集交通、環境、文化、工程、地質、生態等各領域專家學者，以及民間團體參與會議提供建言，辦理3場次大型環境諮詢會議及4場專業議題座談會，於112年8月完成環境影響說明書初稿，由交通部核轉環境部，並於113年8月通過審查。

重視部落生態　兼顧區域發展效益

113年4月3日花蓮發生規模7.2強烈地震及7月凱米颱風來襲重創蘇花公路交通，蘇花改已完工通車路段均無影響；蘇花安計畫延續採橋梁及長隧道設計，避開環境及地質敏感地區，完工後可大幅減少極端氣候預警性封路機率，有利大眾往返運輸、促進花東地區觀光及國土均衡發展等效益。

另計畫沿線7個原住民部落，依原住民基本法需徵詢取得原住民部落同意的部份，在公路局團隊積極努力下，已於113年7月31日取得最後1個部落（克尼布部落）的投票同意。

本次通過環評審查後將接續辦理建設計畫，提報並趕辦工程設計、用地取得、發包施工等作業，期待以121年完工為目標持續努力。



▲ 克尼布部落於113年7月31日舉行會議投票同意通過
The Knlibu indigenous community held a meeting on July 31, 2024, during which a vote was taken to approve the Highway Bureau's Suhua Highway Improvement Project.



▲ 環評委員現勘蘇花安計畫
On-site inspection of the Suhua Highway Improvement Project by the Environmental Impact Assessment Review Committee of the Ministry of Environment.

Passing the Environmental Impact Assessment for the Project, Expected to Be Completed in 2032

The Environmental Impact Assessment (EIA) for the "Suhua Highway of Provincial Highway No.9 Safety Improvement Project" (referred to as the Suhua Highway Improvement Project) was approved during the 17th session of the Environmental Impact Assessment Review Committee of the Ministry of Environment on August 6, 2024. This approval followed on-site inspections and two preliminary review meetings conducted by the committee. The successful completion of the EIA marks a significant milestone in advancing the project, paving the way for further implementation efforts.

The Suhua Highway serves as the sole external road link between Hualien County and Taipei and Yilan. The Suhua Highway Safety Improvement Project focuses on upgrading sections not covered by the 'Suhua Mountainous Section Improvement Project,' including the Dong'ao–Nan'ao, Heping–Hezhong, and Heren–Chongde segments. This initiative aims to ensure reliable, all-weather accessibility, reduce traffic accident rates, and promote the development of highway-based public transportation services.

To expedite the project, the Highway Bureau formed a task force in 2020, comprising relevant agencies and experts from fields such as transportation, environmental protection, culture, engineering, geology, and ecology. Civil society organizations were also invited to participate in meetings and provide recommendations. The task force organized three large-scale environmental consultation conferences and four symposia on specialized topics. In August 2023, the draft Environmental Impact Assessment (EIA) report was completed and submitted by the MOTC to the Ministry of Environment. The report passed the review process in August 2024.

Giving Importance to Ecosystems in Indigenous Communities with Attention to Regional Development

On April 3, 2024, a magnitude 7.2 earthquake struck Hualien, followed by Typhoon Gaemi in July, both of which severely disrupted traffic on the Suhua Highway. However, the sections completed under the Suhua Highway Mountainous Section Improvement Project (Suhua Improvement Project) remained unaffected. The Suhua Safety Improvement Project (Suhua Safety Project) continues the use of bridge and long tunnel designs to bypass environmentally and geologically sensitive areas. Once completed, it is expected to significantly reduce the likelihood of preemptive road closures due to extreme weather conditions. This will enhance public transportation efficiency, promote tourism in eastern Taiwan, and contribute to balanced regional development

In accordance with the Indigenous Peoples Basic Law, which requires consultation and consent from indigenous communities for projects affecting their territories, the Highway Bureau successfully obtained final approval from the Knlibu indigenous community on July 31, 2024. This marked the completion of the consent process for all seven indigenous communities along the planned route, achieved through the dedicated efforts of the Highway Bureau's team.

Following the approval of the environmental impact assessment, the Highway Bureau will proceed with subsequent tasks, including submitting the construction plan, advancing engineering design, acquiring land, and contracting for construction. Efforts will continue to achieve the target of project completion by 2032.



▲ 蘇花安計畫路線示意圖
Map showing the planned route of the Suhua Highway Improvement Project.

有充電站做後盾　駛向 2050 淨零排碳願景 建立友善電動車的使用環境

Building on Charging Stations, the Highway Bureau Moves towards the Vision of Net-Zero Emissions by 2050: Creating an Electric Vehicle-Friendly Environment

為建置電動車友善的交通環境，應具有足夠的中繼充電站點，以因應電動車之電力補充需求，行政院於111年9月26日核定交通部提報112-113年「公共充電樁設置及區域充電需求評估計畫」，計畫總經費9.8億元，期盼透過計畫，加速各縣市充電樁建置，以達成「運具電動化及無碳化」目標。

交通部預估在114年國內電動小客車數量將達10萬輛以上，依照歐盟建議之車樁比（慢充10:1，快充80:1），估計全國公共慢充槍應達1萬槍以上、快充槍應達1,200支以上，才足以支持114年良好的電動車使用環境，其中60%的慢充（6,000槍）、40%的快充（500槍）由政府機關帶頭設置。當時在111年2月已建置的慢充約2,000槍，快充約100槍，因此，交通部規劃在114年底前於各地方交通運輸節點再建置慢充4,000槍及快充400槍，並以此數量作為前述計畫之目標。

該計畫核定22縣市、公路局監理所、觀光署、太平山國家森林遊樂區、武陵農場、中興大學（南投校區）、暨南大學、臺南藝術大學、宜蘭大學及東華大學等5所觀光型國立大學，總計核定慢充4,124槍及快充741槍，經費已核定完畢並達計畫目標，提供民眾便利之充電環境。



▲高雄市受理計畫補助建置充電樁（高雄國際會議中心）
A charging station in Kaohsiung City installed with funding from the project (located at the International Convention Center Kaohsiung).



▲ 基隆市七堵區福六街停車場充電樁
A charging station at the Fuliu Street parking lot in Qidu District, Keelung City.

To establish an Electric Vehicle (EV)-friendly transportation environment, sufficient charging stations must be available to meet EV recharging needs. On September 26, 2022, the Executive Yuan approved the MOTC "Public EV Charging Station Installation and Regional Charging Demand Assessment Project" for 2023–2024, with a total budget of NT$980 million. This initiative aims to accelerate the installation of charging stations across municipalities, supporting the goal of "Electrification and Carbon-Free Transportation."

The MOTC estimates that by 2025, the number of electric passenger vehicles in Taiwan will exceed 100,000. Following the charger-to-vehicle ratio recommended by the European Union (10:1 for slow chargers and 80:1 for fast chargers), Taiwan will require over 10,000 public slow chargers and more than 1,200 fast chargers to support a favorable environment for EV usage. Of these, 60% of slow chargers (6,000 units) and 40% of fast chargers (500 units) are expected to be installed under government leadership. As of February 2022, approximately 2,000 slow chargers and 100 fast chargers had been installed. To meet the projected demand, the MOTC plans to build an additional 4,000 slow chargers and 400 fast chargers at transportation hubs across Taiwan by the end of 2025. These targets form the basis of the ministry's strategic plan to ensure sufficient infrastructure for EV adoption and usage.

The project has approved installations across 22 cities and counties, the Highway Bureau Motor Vehicles Offices, the Tourism Administration, Taipingshan National Forest Recreation Area, Wuling Farm, and five tourism-focused national universities, including National Chung Hsing University (Nantou Campus), National Chi Nan University, Tainan National University of the Arts, National Ilan University, and National Dong Hwa University. A total of 4,124 slow chargers and 741 fast chargers have been approved, with the budget finalized and project goals achieved. This initiative provides the public with a convenient electric vehicle charging environment.



▲ 臺南市新營區南瀛綠都心地下停車場充電樁
A charging station in the underground parking lot at Nanying Green Heart Park, Xinying District, Tainan City.

5

單元

為扎根
努力獲肯定　你我共享榮耀

To Operate at the Grassroots Level – Working for Recognition and Shared Honors


第7屆
政府服務獎
Government Service Award
國家發展委員會
南區養護工程分局
甲仙工務段

公路平安行　打造南橫永續　關懷在地需求
服務再升級　榮獲第 7 屆政府服務獎

Ensuring Safe and Sustainable Travel on the Southern Cross-Island Highway: Caring for Local Needs and Enhancing Services Recognized at the 7th Government Service Awards

持續用心服務在地

公路局南區養護工程分局甲仙工務段以「公路平安行 打造南橫永續，關懷在地需求服務再升級」參賽，歷經書面審查及實地訪視，榮獲國家發展委員會第7屆政府服務獎－社會創新共融類肯定！

甲仙段深耕高雄山區省道在地服務52年，台20線南橫公路在98年莫拉克風災受創嚴重，歷時13年重建家園，於111年5月完成南橫全線有條件通車的階段性任務。

南橫公路開放通車後面臨許多挑戰，氣候變遷使得每3~5年遭遇一次重大災害、莫拉克風災後當地居民經濟困頓，因此，甲仙段重新思考如何讓這條公路走得更加長遠、堅持用心地傾聽在地居民的願望，將服務向外延伸擴展，以公路平安行、服務再升級、南橫山林永續三大服務核心，持續用心服務在地部落居民、南橫旅人及自然山林。



▲ 公路局獲頒第7屆政府服務獎，行政院龔明鑫秘書長（左）與公路局陳文瑞局長（右）合影
The Highway Bureau was honored with a 7th Government Service Award. Pictured: Executive Yuan Secretary-General, Kung Ming-hsin (L) and Highway Bureau Director-General, Chen Wen-juei (R).

甲仙段利用智慧科技巡檢、邊坡3D建模，量身訂製合適工法；針對土石流熱區研發即時監控系統；成立寶來行車管制室，降低通行風險；成為首個利用車牌辨識系統簡化管制通關流程的省道公路；與電信業者在地勢險峻的山區建立健全的網路系統，迎來5G新時代；改善山區道路交通不便利，讓通行選擇更自由、輕鬆；南橫公路梅山口至向陽路段，設定生物時間、工程設計中優先考量生態環境，希望在開放、安全建設中與生態環境取得平衡；並將經驗傳承，培育社區青年投身守護家園，凝聚社區力量，讓生命力持續向下扎根。

榮獲政府服務獎殊榮

政府服務獎是公務機關服務的最高獎項，每年參賽逾百件，在公路局為民服務小組的帶領及協助下最終榮獲政府服務獎，公路局將持續推動為民服務考評輔導作業，落實以民為本的精神，全面提升為民服務品質與績效。



▲ 政府服務獎錦旗
Government Service Award.

▲ 政府服務獎獎座
Banner and Trophy.

Continued Attentive Services to Local Residents

The Jiaxian Branch of the Southern Region Branch Office, Highway Bureau, participated in the 7th Government Service Awards organized by the National Development Council with its program titled "Safe Highway Travel and Sustainability for the Southern Cross-Island Highway: Concern for Local Needs and Further Upgrading of Services." After undergoing rigorous documentary review and on-site inspection, the program was honored in the "Social Innovation and Inclusion" category, reflecting its commitment to integrating advanced disaster prevention technologies, enhancing road safety, and addressing local needs. This recognition underscores the program's role in fostering sustainable development and improving community well-being.

The Jiaxian Branch has been dedicated to serving provincial highways in the mountainous areas of Kaohsiung for 52 years. The Provincial Highway No.20, known as the Southern Cross-Island Highway, sustained severe damage during Typhoon Morakot in 2009. After 13 years of reconstruction efforts, the milestone task of conditionally reopening the entire highway was completed in May 2022, marking a significant achievement in restoring this vital transportation route.

Since its reopening, the Southern Cross-Island Highway has faced numerous challenges, including major disasters occurring every three to five years due to climate change and the economic hardships experienced by local residents following Typhoon Morakot. In response, the Jiaxian Branch has re-evaluated how to ensure the highway's long-term sustainability by attentively listening to the aspirations of local communities and extending its services outward. With a focus on three core principles—safe highway travel, service upgrades, and the sustainable preservation of the Southern Cross-Island mountain forests—the section continues to serve local indigenous residents, travelers, and the surrounding natural environment with dedication.

The Jiaxian Branch has employed advanced smart technologies, including slope inspection and 3D modeling, to develop tailored construction methods. A real-time monitoring system for debris flow hotspots has been implemented, alongside the establishment of the Baolai Traffic Control Center to mitigate transit risks. This section became the first provincial highway to adopt a license plate recognition system, streamlining traffic control and access processes. Collaborating with telecommunications providers, a robust network system was established in the mountainous terrain, ushering in the 5G era and improving accessibility for mountain regions. On the Meishankou to Xiangyang section of the Southern Cross-Island Highway, biological rhythms and ecological conservation were prioritized during project planning and design to balance safety and environmental sustainability. The section also focused on passing down expertise by training local youth to protect their homeland, fostering community solidarity, and ensuring that vitality takes root at the grassroots level. These efforts collectively improve transportation convenience while addressing ecological considerations, setting a precedent for integrating innovation with sustainability.



▲ 第7屆政府服務獎於12月11日在台大醫院國際會議中心盛大舉行
The 7th Government Service Award ceremony was held at the National Taiwan University Hospital International Convention Center on December 11, 2024.

Honored with a Government Service Award

The Government Service Award represents the highest recognition for service excellence among government agencies, with over 100 projects competing annually. Under the leadership and support of the Highway Bureau's Public Service Team, the Bureau was honored with this prestigious award. Moving forward, the Highway Bureau will continue to advance the evaluation and guidance of public service operations, adhering to a citizen-centered approach to enhance service quality and performance comprehensively.

深耕性別平等　幸福巴士帶你想去哪裡就去哪 獲行政院金馨獎

Promoting Gender Equality at the Local Level: Happiness Bus Service Wins Executive Yuan's Golden Carnation Award



▲ 開心讀繪本的學童們
Children happily reading picture books.

以運輸為名

蜿蜒山路，是偏鄉聚落交通的日常。自105年末，以春日鄉幸福巴士通車為原點，公路局高雄區監理所轄下的屏東、臺東及澎湖地區，至今已有逾九成的偏鄉涵蓋率。該所轄區內，離島及原鄉數為全國之最。從服務運量統計，學生與長者佔比約九成，整體女性使用比例則高達65%，足見學童、有採買與就醫需求的女性長者，是幸福巴士最主要的客群，也是性別友善與平權推動所極力關注的重要對象。

交通運輸的匱乏，反映的是各種資源不平等的困境。在幸福巴士能夠觸及偏鄉的基礎上，如何邁出下一步貢獻心力便有更多的可能。

以幸福為初心　實踐的每一步

聯合國「2030永續發展目標」（Sustainable Development Goals, SDGs）17項核心目標，第11項「永續城鄉」中有一項是給所有人提供「負擔得起和永續的運輸系統」，並在公共運輸上，特別關注弱勢族群、婦女、兒童、身心障礙者以及老年人的需求，這也是SDGs中很重要的核心精神。

因此，營造幸福共好的性平友善公共運輸，便是公路局高雄區監理所多年深耕幸福巴士的初心；在推展「交通平權」的過程中，降低城鄉差距、消弭不平等、關懷弱勢以及推動性別平等的願景藍圖便逐一浮現。

In the Name of Transportation

Winding mountain roads are a daily reality for transportation in remote communities. Since the launch of the Chunri Township Happiness Bus service in late 2016, the Kaohsiung Motor Vehicles Office of the Highway Bureau has achieved over 90% coverage of remote communities in Pingtung, Taitung, and Penghu. This jurisdiction includes the highest number of offshore islands and indigenous areas nationwide. According to passenger statistics, students and elderly passengers account for approximately 90% of users, with women making up 65% of all riders. These figures highlight that schoolchildren and elderly women with needs such as shopping and medical appointments are the primary beneficiaries of the Happiness Bus service, making them key targets for promoting gender-friendly policies and equality initiatives.

The lack of transportation infrastructure highlights the underlying issue of unequal access to resources. Building on the foundational success of the Happiness Bus in reaching remote areas, the next step lies in exploring further contributions and expanding possibilities to address these disparities.

Aiming for Happiness, Implementing the Next Steps

The "Civil Service Outstanding Contribution Award," organized by the Examination Yuan, is recognized as the highest honor for civil servants. The award is divided into Individual and Group categories, with a total of 12 recipients selected annually. In 2023, Director Engineer, Chen Cheng-wei of the Northern Region New Construction Branch Office and the Southern Region New Construction Branch Office of the Highway Bureau were honored with the Individual and Group Awards, respectively. These accolades reflect their exceptional contributions to public service and infrastructure development.

Individual Award

The United Nations Sustainable Development Goals (SDGs) include 17 core objectives, with Goal 11 focusing on "Sustainable Cities and Communities." One of its targets is to "provide access to affordable, sustainable transport systems for all," emphasizing the expansion of public transportation while addressing the needs of vulnerable groups, including women, children, persons with disabilities, and older persons. This reflects the fundamental spirit of the SDGs in promoting inclusivity and equity in sustainable development.

The Kaohsiung Motor Vehicles Office of the Highway Bureau has long been committed to fostering gender-friendly public transportation through the Happiness Bus initiative. By promoting "transportation equality," it has gradually advanced a visionary blueprint aimed at reducing urban-rural disparities, eliminating inequality, caring for disadvantaged groups, and advocating for gender equality. This approach reflects the core values of human-centered transportation and aligns with Taiwan's dedication to inclusive and equitable mobility solutions.



▲ 專心閱讀月經教育繪本的小男孩
A young boy concentrating on reading a picture book about menstruation.

最初被選為示範點的春日鄉，在路線開通後一年內載客率即達90%，當地學生輟學率也大幅下降趨近於零。細數歷年在幸福巴士上推動的各項措施，可見我們的用心致力：

（一）典範與擴散

以春日鄉建立服務典範，在106年起就醫路線設有女性母語通譯人員隨車陪伴；107年起幸福巴士路線更開展至臺東縣14個鄉鎮。

（二）有愛無礙

107年開始固定接送微笑協會（屏東縣唯一在原鄉部落提供給心智障礙者的日間照護所）的學童；108年起增加通用化車型的無障礙巴士，可預約到府接送，擴大服務對象範圍。

（三）公私協力與女力啟程

109年交通部推動「幸福巴士2.0」，公路局高雄區監理所與屏東縣政府合作輔導一粒麥子基金會申請取得執照，成為首個營運幸福巴士的非政府組織（NGO）；110年延平鄉巴喜告原住民關懷協會投入服務行列，並招募了三位女性駕駛員，開啟該所在性別平等推動上的新篇章。

（四）幸福三部曲

為深化性平意識，112年開始針對幸福巴士從業人員舉辦性別意識培力訓練；與鄉公所合作，在滿州鄉三所小學推動「性平幸福悅閱育識計畫」，募集性別平等主題繪本，捐贈公所與學校使用，並在幸福巴士上設置「幸福悅讀箱」，將通學時間轉化為教育場域，向下扎根推動性平閱讀教育，112與113年分別募集了300本、221本各類書籍（教育部也支持寄贈50本《王子脫魯記》月經教育繪本）。此計畫也在113年12月捐贈繪本一批至蚵寮國中，首度踏足國中學校，該校更在該月30週年校慶時以「SDGs話性平不遙遠」為題舉辦啟用繪本展。

此外，為響應關注月經貧窮議題，與來義鄉公所合作「捍衛月經平權，我挺妳！」活動，在校園與幸福巴士上免費提供生理用品，更是全國首例。



▲ 來義鄉「捍衛月經平權，我挺妳！」幸福巴士
A Happiness Bus in Laiyi Township, Pingtung County, supporting the "Defend Menstrual Equality—I'm with You!" campaign.

下一步　拉近幸福的距離

邁入新年度，幸福巴士的蹤跡持續向前；看見更多人的需求，思考更多解決方案，繼續推動性別平等與弱勢關懷，是不變的目標。縮短城鄉間的距離，也拉近人們與幸福的距離。期待更多公私單位的響應投入，成為「偏鄉性平實踐者」的好夥伴。

In the first year following the launch of Happiness Bus routes in Chunri Township, selected as a demonstration area, ridership reached 90%, while the dropout rate among local students dropped significantly to nearly zero. This achievement reflects the Highway Bureau's dedicated efforts in promoting various measures through the Happiness Bus initiative over the years, showcasing its commitment to improving transportation equity and community well-being.

(1) Model and Diffusion

The service model for the Happiness Bus was developed in Chunri Township, where, since 2017, there have been female mother-tongue interpreters on buses to accompany passengers on medical care routes. In 2018, Happiness Bus routes were extended to 14 townships in Taitung County.

(2) Obstacle-Free Concern

In 2018, the Kaohsiung Motor Vehicles Office began regular shuttle services for students of the Smile Association, the only day care center for the mentally disabled in indigenous communities in Pingtung County. In 2019, obstacle-free buses using standardized bus models were added, with appointment-based door-to-door services, thereby expanding the scope of persons served.

(3) Public-Private Partnership and Women's Empowerment

In 2020, the MOTC launched the "Happiness Bus 2.0" program. The Kaohsiung Motor Vehicles Office collaborated with the Pingtung County Government to assist the Kernel of Wheat Foundation in obtaining a license, making it the first non-governmental organization (NGO) to operate a Happiness Bus. In 2021, the Pasikau Indigenous Community's Sinlatuza Aikasangan Daidaz Association in Yanping Township joined the initiative, recruiting three female drivers and marking a significant milestone in promoting gender equality within the program.

(4) Happiness Trilogy

To deepen gender equality awareness, the Ministry of Transportation and Communications launched gender sensitivity training for Happiness Bus staff in 2023. In collaboration with township offices, the "Gender Equality Happy Reading and Awareness Program" was implemented in three elementary schools in Manzhou Township. Gender equality-themed picture books were donated to township offices and schools, while "Happiness Reading Boxes" were installed on Happiness Buses to transform commuting time into an educational experience. In 2023 and 2024, a total of 300 and 221 books were collected, respectively, including 50 copies of the menstrual education picture book Prince Grows Up donated by the Ministry of Education. In December 2024, a batch of picture books was donated to Ke-Liao Junior High School, marking the program's first expansion to a middle school. During its 30th anniversary celebration that same month, the school held an exhibition titled 'The SDG Goal of Gender Equality is Not Far Away,' further promoting gender equality education.

Yet Another Step, Bringing Happiness Nearer

Entering a new year, the Happiness Bus program continues its mission to move forward, addressing the needs of more individuals and exploring innovative solutions. Promoting gender equality and supporting disadvantaged groups remain steadfast goals. By bridging the urban-rural divide, the program also brings people closer to happiness. It is hoped that more public and private organizations will join as partners in practicing gender equality in remote communities, contributing collectively to this meaningful endeavor.

讓檔案說故事　百年歷史盡在眼前
金檔獎籌備及獲獎

Letting Documents Tell a Century of History: Preparation for and Receipt of the Records Management Quality Awards

運轉百年　看見監理風華

交通部公路局新竹區監理所金檔獎團隊在經歷日以繼夜地備戰與努力，終於獲得國家發展委員會檔案管理局評審委員肯定，榮獲中央組前3名，並獲頒第21屆金檔獎。

吳季娟所長領軍積極推動檔管各項工作，除主動瞭解檔案管理工作流程與檔案管理局相關規範外，更致力提升檔案管理工作效能，多項檔案會議均親自主持，並且積極參與各項檔案訓練、觀摩及辦理跨機關檔案聯展。

「展館藏翰墨．憶監理風華」文獻與檔案聯展，與桃園市立圖書館新總館合作，將新竹區監理所特展空間關鍵檔案及文物移地展出，並於圖書館展示有關監理及運輸藏書。

善用機關為民服務特性，分別在5樓設立特展室，展示桃竹苗地區三大客運公司百年歷史、2樓駕照筆試室及道安講習教室外布置



▲ 新竹區監理所與桃園市立圖書館新總館合作「展館藏翰墨．憶監理風華」文獻與檔案聯展
The Hsinchu Motor Vehicles Office and the New Main Library Taoyuan Public Library collaborated on a joint exhibition of transportation-related documents and books.



▲ 公路局新竹區監理所榮獲第21屆機關檔案管理金檔獎中央組前3名佳績吳季娟所長（右）親自領獎
Wu Chi-chuan (R), the director of the Hsinchu Motor Vehicles Office of the Highway Bureau, personally accepted the award for her agency's top-three finish among central government agencies at the 21st Records Management Quality Awards.

「駕照考領的演進」，及地下1樓牌照領發窗口處，設置「車輛號牌管理與演變」展示區域，藉民眾洽辦、學校團體參訪過程，主動提供檔案應用資訊。

設置多媒體觸控屏幕，藉由互動式介面，瀏覽檔案應用活動剪影，同時透過檔案小學堂，認識監理業務，豐富檔案應用服務樣貌，將檔案故事注入現代科技，體現寓教於樂之檔案推廣模式。

持續貢獻　期許未來

檔案呈現機關發展脈絡，團隊成員均具備高專業素質與團隊合作精神，在自己工作崗位上奉獻心力、成就團隊效能，足為機關楷模。交通部公路局新竹區監理所在服務背後蘊藏溫暖的人情物意，希望藉由檔案管理及應用加值，讓機關同仁及民眾「探索過去、體認現在、構築未來」，不斷傳遞有溫度的監理服務。

Going back 100 Years, Seeing the History of Motor Vehicle Management

The Records Management Quality Awards team at the Hsinchu Motor Vehicles Office of the Highway Bureau, after extensive preparations and dedicated efforts, earned recognition from the jury of the National Archives Administration (NAA) under the National Development Council. The team was ranked among the top three central-level organizations and was honored with the 21st Records Management Quality Awards.

The Hsinchu Motor Vehicles Office Director, Wu Chi-chuan has demonstrated exemplary leadership in advancing archives management initiatives. By proactively familiarizing herself with document management procedures and adhering to the standards set by the National Archives Administration, she has worked diligently to enhance the efficiency of archives management. Director Wu has personally presided over numerous archives-related meetings, actively participated in training sessions and observation visits, and organized interagency joint archives exhibitions. These efforts reflect her commitment to improving archives management practices and fostering interagency collaboration.

The exhibition, titled "Exhibition of Documents and Calligraphy: Remembering the Legacy of Motor Vehicle Supervision," was held in collaboration with the New Main Library Taoyuan Public Library. Key documents and artifacts from the Hsinchu Motor Vehicles Office's special exhibition space were relocated for display at the library, alongside a curated collection of books related to vehicle supervision and transportation.

Leveraging the agency's public service role, the fifth floor of the administrative building features a special exhibition room showcasing the 100-year history of the three major bus companies in the Taoyuan-Hsinchu-Miaoli region. On the second floor, adjacent to the written test room and road safety classroom, a display on the evolution of driver's license testing has been set up. Additionally, on the B1 level at the license plate service counter, an exhibit area titled 'The Management and Evolution of Vehicle License Plates' has been established. These exhibitions provide archival information to visitors during service interactions and school group tours, actively promoting awareness and understanding of transportation history.

Multimedia touchscreens have been installed to enable users to explore highlights from archive-related activities through interactive interfaces. The "Documents Mini-Academy" introduces supervision services, enriching the scope of archive applications. By integrating modern technology, these initiatives bring archive stories to life, embodying an educational and entertaining approach to promoting archive utilization.

Continuing to Contribute and Looking Forward to the Future

Archives narrate the developmental journey of a government agency. The award-winning team at the Hsinchu Motor Vehicles Office exemplifies professionalism and teamwork, with each member contributing their expertise and effort to achieve collective excellence, serving as a model for public institutions. Behind the services provided by the Hsinchu Motor Vehicles Office lies a deep sense of human warmth. Through enhanced archive management and value-added applications, the agency aspires to enable its staff and the public to "explore the past, understand the present, and build the future," continually delivering motor vehicle services imbued with genuine care.



▲ 公路局新竹區監理所榮獲第21屆機關檔案管理金檔獎中央組前3名佳績合照
This group photo was taken at the 21st Records Management Quality Awards, where the Hsinchu Motor Vehicles Office finished in the top three among central government agencies.

廉能透明監理　民眾更加信賴
獲第 2 屆透明晶質獎特優

Integrity and Transparency of Motor Vehicles Management, Earning Greater Public Trust: Awarded "Exceptional" at the 2nd Integrity Awards

廉能監理　創新永續　洽公So easy

高雄市區監理所代表公路局參加法務部「第二屆透明晶質獎」，並榮獲「整體廉能作為」類「特優」機關的佳績，高雄市區監理所在參獎期間，動員該所團隊，全力投入、努力付出，公路局政風室亦全程參與，協助審核高雄市區監理所參獎申請表，並協助聘請專家檢視廉能措施、舉辦講習提昇全體同仁對廉政認識，參獎過程中不斷演練策進，最終圓滿完成實地評核複審作業，讓高雄市區監理所於全國26個參獎機關中脫穎而出。而本次獲獎更是自透明晶質獎獲行政院支持成為全國性獎項以來，交通部所屬第一個獲獎的行政機關。

高雄市區監理所以「廉能監理、創新永續、洽公So easy」為整體廉能推動主軸，秉持處處守護民眾、時時實踐廉能之理念，於參賽時提出9大亮點，包含自行研發以AI系統輔助稽查業務，執行結果自動進入後臺，後臺資料無法更改消除，以杜絕民代關說或同仁未依規定辦理情形；網頁保持三年最高正確率及公開透明，讓民眾清楚監理業務辦理過程及所需文件；「觸觸有愛」系統取代愛心服務鈴，讓服務趨前至停車場、檢驗線、考驗場甚至內部廁所等各區域。透過全面服務使少數不肖代辦業者無法利用資訊落差趁虛而入，減少處理投訴、陳情、關說等人力物力時間，建構一個安全便捷有效率的優質監理服務，樹立興利防弊落實課責的公路監理文化。

榮獲透明晶質獎「特優」佳績

法務部「第二屆透明晶質獎」頒獎典禮於113年12月9日舉行，由行政院鄭麗君副院長頒獎，並由交通部黃荷婷主任秘書及公路局陳文瑞局長代表受頒獎座及獎牌榮譽。



▲ 公路局獲頒「整體廉能作為」類「特優」機關，行政院鄭麗君副院長（左）與公路局陳文瑞局長（右）合影
The Kaohsiung City Motor Vehicles Office of the Highway Bureau was named an "Exceptional" agency in the "Overall Integrity Performance" category of the 2nd Integrity Awards. The photo includes Vice Premier, Cheng Li-chiun (L) and Highway Bureau Director-General, Chen Wen-juei (R).

Motor Vehicle Management with Integrity, Innovation, and Sustainability, Making Official Business So Easy

The Kaohsiung City Motor Vehicles Office, representing the Highway Bureau, participated in the Ministry of Justice's 2nd Integrity Awards and was honored as an "Exceptional" agency in the category of "Overall Integrity Performance." During the competition, the Kaohsiung City Motor Vehicles Office mobilized its team to fully dedicate themselves to the process. The Highway Bureau's Civil Service Ethics Office provided comprehensive support, assisting in the preparation of application materials, engaging experts to review integrity measures, and organizing training sessions to enhance staff awareness of ethics in government. Through continuous refinement and rigorous evaluations, the office successfully completed on-site assessments and final reviews, emerging as one of the top-performing agencies among 26 participants nationwide. This recognition marks a significant milestone as it is the first time an administrative agency under the Ministry of Transportation and Communications has received this national-level honor since the Integrity Awards were elevated to a nationwide competition with Executive Yuan support. This achievement not only highlights the commitment of the Kaohsiung City Motor Vehicles Office to ethical governance but also sets a benchmark for other agencies within the Ministry.

The Kaohsiung City Motor Vehicles Office, under the theme of "Integrity in Supervision, Innovation for Sustainability, and So Easy Public Services," has actively promoted integrity and transparency in its operations. By adhering to the principle of safeguarding public interests and practicing integrity at all times, the office submitted nine key highlights for recognition. These included the development of an AI-assisted auditing system that automatically uploads results to a secure backend to prevent data tampering or unauthorized interference, maintaining the highest accuracy and transparency on its website for three consecutive years to ensure public understanding of procedures and required documents, and introducing the "Touch of Love"



▲ 第2屆透明晶質獎頒獎典禮，交通部黃荷婷主任秘書（前排左4）、交通部政風處劉廣基處長（前排左3）、公路局陳文瑞局長（前排右4）及高雄市區監理所劉育麟所長（前排右3）等代表受獎合影

This group photo was taken at the 2nd Integrity Awards presentation ceremony. It includes MOTC Chief Secretary, Huang He-ting (front row, L4), MOTC Department of Civil Service Ethics Director, Liu Kuang-chi (front row, L3), Highway Bureau Director-General, Chen Wen-juei (front row, R4), and Kaohsiung City Motor Vehicles Office Director, Liu Yu-lin (front row, R3).

system to replace traditional service bells. This innovative system extends proactive services to parking lots, inspection lines, test sites, and even restrooms, providing comprehensive support for elderly, disabled, and pregnant individuals. Through these initiatives, the office has effectively blocked dishonest agents from exploiting information gaps, reduced resources spent on handling complaints and petitions, and established a safe, convenient, and efficient supervisory service. These efforts reflect a commitment to fostering a culture of integrity in public road supervision by balancing innovation with accountability.

Recognized as an "Exceptional" Agency at the Integrity Awards

The Ministry of Justice held the "2nd Integrity Awards" presentation ceremony on December 9, 2024, coinciding with United Nations International Anti-Corruption Day. Vice Premier, Cheng Li-chiun presented the awards, which were received on behalf of the MOTC Chief Secretary, Huang Ho-ting and Highway Bureau Director-General, Chen Wen-juei. The awards recognized the Kaohsiung City Motor Vehicles Office for its outstanding achievements in promoting transparency and integrity within the 'Comprehensive Integrity Practices' category.

雙 AI 轉型　開啟不同凡行的服務變革

Dual AI Transformation: Launching Innovative Service Reforms



▲ 民眾可於臺灣公路博物館網站線上探索「幸福公路與客家主題巡展—客隨運轉」展
The public can explore the special exhibition "Open Highway–Highway and Hakka" online through the Taiwan Highway Museum official website.

隨著科技進步與民眾需求變化，用路人服務中心，進行變革，以提供值得信任的資訊為核心使命，持續轉型。113年起規劃3年計畫，將Aesthetic Intelligence（美學智能）與Artificial Intelligence（人工智能）同時導入組織服務流程。

首先，導入美學智能，通過跨域合作，帶動超越5,000人次參訪交流，共創無牆博物館。113年規劃一系列跨領域交流活動，4月13日「不同凡行，才能不同凡想」行路講堂，邀請文化、設計、環島領域講師共探公路多元視角及體驗；8月至10月更在台灣公路博物館舉辦「夏午畫室」，將博物館改造為藝術創作空間，結合藝術家小型特展與教學；11月16日辦理「打開公路局」，將博物館延伸至整棟公路局建築，開放民眾探索與交流。本中心結合美學、景觀等不同領域與視角，為公路局注入美學體驗。



▲ 公路局1樓大廳展示藝術作品「臺灣的肩膀」底座以不鏽鋼材質及等高線堆疊製成臺灣形狀花槽
The artwork Shoulders of Taiwan, on display in the main hall on the first floor of the Highway Bureau building, features a Taiwan-shaped planter composed of stacked stainless steel contours.

With advancements in technology and evolving public needs, the Road User Service Center has consistently pursued reform and transformation, with its core mission centered on providing reliable information. Starting in 2024, a three-year plan was launched to integrate Aesthetic Intelligence (AIQ) and Artificial Intelligence (AI) into its organizational service processes. This initiative aims to enhance service efficiency and user experience, aligning with modern technological trends and public expectations.

Through cross-disciplinary collaboration, the Highway Bureau has introduced aesthetic intelligence, attracting over 5,000 participants for visits and exchanges, co-creating a "museum without walls." In 2024, a series of cross-domain exchange activities was launched. On April 13, the "Act Different, Think Different" Highway Lecture invited speakers from culture, design, and round-the-island travel fields to explore diverse perspectives and experiences related to highways. From August to October, the Taiwan Highway Museum hosted the "Summer Afternoon Art Studio," transforming the museum into an artistic creation space featuring small exhibitions and workshops led by artists. On November 16, the "Opening Up the Highway Bureau" event extended the museum's concept to the entire Highway Bureau building, inviting public exploration and engagement. By integrating aesthetics and landscape perspectives, the Center has infused aesthetic experiences into the Highway Bureau's operations.



▲「打開公路局」活動由第一線話務經理為民眾導覽公路局24小時話務中心
During the Opening Up the Highway Bureau event, a frontline call center manager gave the public a behind-the-scenes tour of the Bureau's 24-hour telephone service center.

The Highway Bureau has continued to transcend spatial boundaries, showcasing highways with cultural storytelling through digital and physical formats. Collaborating with the Hakka Culture Development Center, it organized the annual touring exhibition "Open Highway -Highway and Hakka" which visited Taipei, Hualien, and Taitung. The exhibition also leveraged digital platforms, enabling the public to view it online anytime, anywhere. Additionally, six artworks and cultural artifacts, including "Shoulders of Taiwan," were installed across the first, second, and third floors of the Highway Bureau building. By integrating art with historical narratives and cultural elements, these exhibitions reflect the spirit of highway culture and transform the space into a museum rich in stories and aesthetics.



▲ 新銳書法藝術家王意淳現場揮毫，為行路講堂留下「不同凡行」最佳註解，墨寶典藏於公路局
Emerging calligraphy artist, Wang Yi-chun created an on-site ink artwork titled Act Different during a lecture session on highway aesthetics; the piece is now part of the Highway Bureau's permanent collection.



▲ 斑鳩老師（左5）帶領多位民眾參與「夏午畫室」活動，體驗自由創作的樂趣
Ariel Studio's founder (L5) led participants in the Summer Afternoon Art Studio program, offering an immersive experience in creative expression.



▲ 退休志工張仁德前副局長（右4）向老人社會大學探索台灣師生導覽臺灣公路博物館館藏歷史及文物
Retired volunteer and former Deputy Director-General of the Highway Bureau, Mr. Chang Ren-de (R4), led students and faculty from a senior university on a guided tour of the Taiwan Highway Museum's historical archives and artifacts.

也持續突破空間界限，藉由數位或實體，展現具文化故事性的公路。攜手客家文化發展中心，辦理年度巡迴特展「幸福公路與客家主題巡展－客隨運轉」，走訪臺北、花蓮、臺東展出，更以數位化方式，讓民眾隨時隨地線上看展；在公路局1樓大廳、2及3樓樓層進駐「臺灣的肩膀」等6件藝術作品與文物，透過藝術與文史融合，展現公路文化精神，成為充滿故事與美學的博物館。

面對數位轉型與AI發展，用路人服務中心整合話務資訊與數據洞察，113年已完成多項人性化服務升級，持續提供值得信賴的資訊服務。建置免記憶號碼「一掃而CALL」的公路局專屬網路通話，讓民眾掃QR Code即可諮詢；文字客服「智能小鹿」升級簾幕式選單、貼圖、意見收單等功能，並透過AI訓練題庫強化互動，因應防詐騙宣導、微電車領牌等政策變更，提供即時資訊；升級話務人員使用的話務系統，除優化操作直覺性，更可記錄與分析歷史服務紀錄，快速洞悉民眾需求，提高服務精準度。

導入人工智能，於113年首次開啟公路局生成式AI客服概念驗證，邁開114年AI導入服務民眾的第一步。為因應員工高齡化，資源有限及需求持續增加的課題，未來計畫將話務服務導入AI自動化技術，結合資料治理，強化數據應用，建立話務人員智庫，解決重複性案件摘要與分派。結合生成式AI的智慧客服，未來將支援語音、地圖、影像等多元互動，提升對話流暢度與準確性，目標實現個人化趨前服務，成為民眾的智慧路上助手。

以文化創造公路局價值，以決策與執行力累積文化。用路人服務中心將持續透過文化藝術、服務設計結合數位科技，打造更智慧、更值得信任的公路資訊服務及藝文觀展體驗。



◀ 「一掃而call」上線，掃描QR即可獲取網路通話及智能小鹿兩種服務管道
The " scan-to-call " system is now available – by scanning a QR code, users can choose between instant online calls and the intelligent customer service.



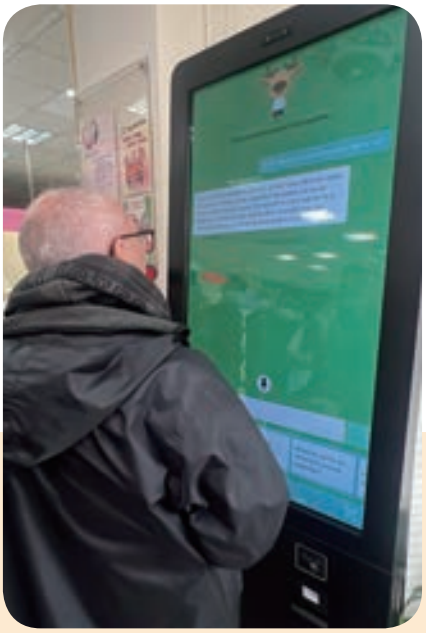
In response to the growing demands of digital transformation and AI development, the Road User Service Center integrated call service information with data insights and completed several user-centric service upgrades in 2024. The Bureau launched a QR code-based "scan-to-call" web communication service, enabling users to make inquiries conveniently. The intelligent customer service was enhanced with features such as curtain-style menus, stickers, and feedback collection, while AI-trained question databases improved interaction capabilities to address policy changes like anti-fraud campaigns and mini electric two-wheel vehicles licensing. The telephone system used by service staff was also upgraded to improve operational intuitiveness while recording and analyzing historical service data. This allows for quick identification of public needs and enhances service precision, ensuring the delivery of reliable and efficient information services.

In 2024, the Highway Bureau initiated its first proof of concept for generative AI customer service, marking a significant step toward implementing AI-powered public services in 2025. This initiative addresses challenges such as an aging workforce, limited resources, and increasing service demands. The Highway Bureau plans to integrate AI automation into call center operations, coupled with data governance to enhance data utilization, establish a knowledge base for call center staff, and automate repetitive case summarization and assignment processes. With the adoption of generative AI, future intelligent customer service will support diverse interactions, including voice, maps, and images, improving both the fluency and accuracy of service delivery. The ultimate goal is to provide personalized and proactive services, transforming the system into a smart roadside assistant that enhances public convenience and accessibility.

Creating Value through Culture and Building It through Decision-Making and Execution. The Road User Service Center will continue to create value for the Highway Bureau through cultural initiatives while accumulating cultural depth through sound decision-making and effective implementation. By integrating service design, digital technology, and the arts, the center aims to provide smarter and more trustworthy highway information services, along with enriched experiences in arts and cultural exhibitions.



▲ 「AI小鹿」於臺北市區監理所辦理實地試營運，民眾可直接與AI服務人員對話，獲取服務
The AI customer service was piloted on-site at the Taipei City Motor Vehicles Office, allowing the public to interact directly with AI-powered service staff.



▲ 「AI小鹿」除整合生成式AI的回應優點，更擁有多國語言通路，讓外國籍民眾也可獲取完整資訊
In addition to leveraging the strengths of generative AI, the AI customer service offers multilingual service channels, ensuring foreign nationals can also access comprehensive information.

6

單元

為精進
跨年度接力　讓服務更升級

To Refine Implementation of Tasks – Upgrading Service Quality through Continuous Projects


公路局
重新定義生產力的生成式AI
Allan Yiin
DataDecision.ai

公文電子化　增效率　減碳排
推動公文整合及線上簽核跨平臺系統

Digitization of Documents to Increase Efficiency and Reduce Carbon Emissions: Promoting the Integrated Document Handling and Cross-Platform Online Approval System



▲ 新公文系統需求訪談會議
A stakeholder consultation meeting on system requirements for the new document management platform.

推動局本部及所屬機關「公文整合及線上簽核跨平臺系統」

為推展公路局公務電子化進程，解決舊有公文系統效能問題，革新資訊安全及使用體驗，以全面提升公文製作效率及品質，自108年起即著手規劃並向交通部提報「新公文線上簽核系統建置案」計畫，109年獲國發會原則同意，111年核列預算執行。

本專案由局秘書室及資訊室主導，邀集北部局屬4機關為代表，成立工作推動小組共同辦理規劃、招標及履約管理，考量創新及維穩並重，以公開徵求廠商提供參考資料及公開閱覽，取得業界實務建議，減低履約爭議風險。111年5月透過公開評選優勝廠商為叡揚資訊，共同發展新一代公文系統。

歷經2年半系統建置，共計完成系統需求訪談與雛型展示會議92場次、系統開發測試38場次、上線前後資安檢測及通過公文檔案管理資訊系統驗證，教育訓練39場次，移轉18機關舊公文系統資料超過6千萬筆電子檔案，113年分2階段平行演練及試營運，無縫接軌達成系統上線任務。

執行成果

新公文系統採局及所屬17機關約6,000人共用共構模式，提供一致化的智慧公務環境及建立雲端「教育訓練專區」，局屬機關間人員流動，無須重新教育訓練即可快速熟悉系統操作，新進人員亦可透過專區自我學習。共構系統更能達成管理機制及資源共享情境，如時效報表、通訊錄及工作日維護等，並在功能新增及維護上更有綜效。

114年賡續精進系統功能，宣導快速轉傳匯入、銷案表單申請、附件自動編號等多項功能，推廣行動自然人憑證簽章，導入AI應用，強化公文智多星小鹿，智慧分文及全文搜尋，務實推動「智慧政府、數位治理」在公路局向下生根。

Promotion of the "Document Handling and Online Sign-Off Cross-Platform System" for the Highway Bureau and Its Subordinate Agencies

To address inefficiencies in the legacy document system and enhance information security and user experience, the Highway Bureau began planning the "New Online Document Sign-Off System Project" in 2019. The proposal was submitted to the MOTC, received approval in principle from the National Development Council in 2020, and was officially included in the budget for implementation in 2022. This initiative aims to improve document production efficiency and quality, aligning with the government's goals of energy conservation, paper reduction, and enhanced cybersecurity.

This project, led by the Highway Bureau's Secretariat and Information Management Office, convened a working group comprising representatives from four northern regional offices to oversee planning, procurement, and contract execution management. Balancing innovation with system stability, the team sought industry input through public solicitation of vendor proposals and open reviews to gather practical suggestions and reduce contract dispute risks. In May 2022, Galaxy Software Services was selected through a transparent evaluation process to jointly develop the next-generation document management system.

Over two and a half years of system development, the project successfully completed 92 sessions for system requirement interviews and prototype demonstrations, 38 system development and testing sessions, as well as pre- and post-launch cybersecurity testing. It also passed certification for the Official Document and Archive Management Information System. Additionally, 39 training sessions were conducted, and over 60 million electronic records from the legacy systems of 18 agencies were migrated. In 2024, two phases of parallel testing and pilot operations were carried out, ensuring a seamless transition to full system implementation.

Implementation Results

The new document management system adopts a shared-use, co-development model involving approximately 6,000 personnel across the Highway Bureau and its 17 subordinate agencies. This system provides a standardized smart working environment and incorporates a cloud-based "Education and Training Portal." With its unified interface, personnel transferring between agencies can quickly adapt without requiring additional training, while new employees can utilize the portal for self-guided learning. The co-constructed system enhances resource sharing and centralized management, supporting features such as deadline tracking reports, organization-wide address books, and working day calendars. Furthermore, it improves operational efficiency in implementing new features and system maintenance, reflecting the Highway Bureau's commitment to advancing administrative modernization and service quality.

In 2025, the Highway Bureau continued to refine system functionalities, promoting advanced features such as quick-forwarding and importing, case closure form applications, and automatic attachment numbering. Efforts were made to advocate for the use of mobile digital signature certificates, integrate AI applications, and enhance the "Smart Deer" system for intelligent document routing and full-text search capabilities. These initiatives pragmatically advanced the Highway Bureau's commitment to embedding 'Smart Government and Digital Governance' principles into its operations.



▲ 新公文系統3.0種子人員教育訓練
Training session for "seed personnel" of the new Document Management System 3.0.

AI 科技新助力　服務　管理更智慧
成立 AI 推動幕僚辦公室

AI Technology:
A New Force for Smarter Service and Management –
Establishment of the AI Promotion Task Office

研擬策略　建構協作機制

因應行政院智慧治理政策目標，公路局積極結合人工智慧（AI）技術，全面提升政府治理效率與服務品質。為推動相關工作，於113年8月成立「AI推動幕僚辦公室」，協助公路局各單位整合資源、推動智慧化數位治理轉型。

「AI推動幕僚辦公室」，依業務性質設立任務分組，評估各領域AI應用與導入，下轄3個分組，包括：「計畫管制組」統整公路局資通訊應用資源。「技術發展組」由公路局各核心業務組組成，就其業務面結合AI發展可行之相關計畫及執行。「行政精進組」由公路局各行政處室組成，透過與AI技術協作務實提出可行的精進方案。

標竿學習　厚植AI知能

專業業師分享：為強化公路局同仁AI知能，在陳文瑞局長及各位長官的支持下，113年10月16日針對公路局及所屬機關同仁舉辦「生成式AI概念及應用教育訓練講座」，邀請業界名師，以「重新定義生產力的生成式AI」為主題，介紹最新AI技術趨勢和應用之認識。

參訪業界標竿：在推動初期，透過與企業交流訪談，能快速跟上技術趨勢，故規劃參訪「臺灣微軟」了解AI先進應用發展。在參訪前為讓公路局「AI推動幕僚辦公室」成員們具備基本概念，特邀請臺灣微軟顧問群先在局內解說近年AI最新創新技術及AI賦能辦公工具，激發成員對智慧應用的想像。113年11月11日由



▲「生成式AI概念及應用教育訓練講座」－數據決策公司尹相志技術長
Allan Yii, Chief Technology Officer of Data Decision, delivers a presentation at the Highway Bureau's "Education and Training Session on Generative AI Concepts and Applications."

Strategy Development, Establishment of a Coordination Mechanism

In response to the Executive Yuan's "Smart Governance" policy objectives, the Highway Bureau has actively integrated artificial intelligence (AI) technology to enhance governmental efficiency and improve public service quality. To advance these initiatives, the Highway Bureau established the 'AI Promotion Task Office, (AIPTO) in August 2024, tasked with assisting departments in resource integration and facilitating the transition to intelligent digital governance.

The AI Promotion Task Office, (AIPTO) is structured into task-based divisions tailored to operational needs, focusing on evaluating and integrating AI applications across various domains. It comprises three key divisions: the Planning and Control Division, responsible for consolidating the Highway Bureau's ICT resources; the Technical Development Division, formed by core operational units to identify and implement feasible AI-integrated projects; and the Administrative Optimization Division, composed of administrative offices to develop practical improvement plans in collaboration with AI technologies. This organizational framework ensures the effective application of AI to enhance operational efficiency and service quality.

Learning from Experts and Best Practices: Building AI Capabilities

Industry Expert Insights: To strengthen the AI knowledge and capabilities of its personnel, the Highway Bureau, with the support of Director-General, Chen Wen-juei and senior officials, organized an educational seminar titled "Generative AI: Redefining Productivity" on October 16, 2024. The seminar was attended by staff from the Highway Bureau and its subordinate agencies and featured a renowned industry expert. The session provided an in-depth introduction to the latest trends in generative AI technologies and their practical applications, aligning with the Bureau's commitment to advancing innovation and professional development within its workforce.



▲「參訪臺灣微軟總部」公路局陳文瑞局長（左）與臺灣微軟陳守正總經理（右）合影
Highway Bureau Director-General, Chen Wen-juei (L) pictured with Danny Chen (R), General Manager of Microsoft Taiwan's Public Sector Business Group, during a visit to Microsoft Taiwan Headquarters.

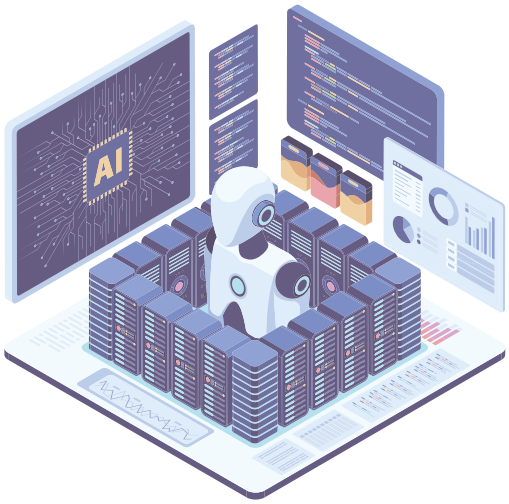
Benchmarking Visits to Industry Leaders: At the initial stage of promoting AI initiatives, the Highway Bureau organized benchmarking visits to leading enterprises to stay updated on technological trends. A key visit was made to Microsoft Taiwan to explore advancements in AI applications. Before the visit, Microsoft Taiwan consultants were invited to the Highway Bureau to provide an overview of recent innovations in AI and AI-enabled office tools, inspiring members of the AI Promotion Task Office, (AIPTO) to envision potential smart applications. On November 11, 2024, Director-General, Chen Wen-juei and Deputy Director-General, Lin Tsung-li led a delegation to Microsoft Taiwan headquarters. During the visit, they received presentations from Danny Chen, General Manager of the Public Sector Business Group, CTO Kai Hua, and the technical team. The discussions focused on real-world applications of AI in smart transportation, enabling the delegation to learn from Microsoft's implementation models and successful experiences while gaining practical insights for future applications within the Highway Bureau.



▲ 參訪臺灣微軟行前教育說明會會後大合影
Group photo taken following a pre-visit briefing session at the Highway Bureau, ahead of the delegation's visit to Microsoft Taiwan.

陳文瑞局長及林聰利副局長率隊參訪臺灣微軟總部，聽取微軟陳總經理、花技術長及技術團隊說明AI如何與智慧交通相結合之應用案例，達到學習其應用模式與成功經驗，汲取實務操作靈感之目的。

強健數位體質：局長指示應持續辦理AI相關教育訓練課程，旨在提升同仁對新興技術之熟悉度及創新思維。此外，局長也期許各組室能於114年度提出與AI技術結合之業務提案，務實推動公路局業務智慧化進程。



目標導向　確立服務願景

透過公路局各組室結合業務需求提出AI相關應用之提案，期待能達到如下列之願景：

1. 服務品質提升：例如建構智慧客服系統，減少人力、縮短民眾查詢與申請服務的處理時間。
2. 行政效率優化：數據分析統整工具協助行政作業運行，進一步完善決策支援系統，提升行政治理數位自動化及效率。
3. 公共安全強化：結合AI及物聯網，實現交通領域數位孿生（digital twins），自動化監測分析交通狀況，洞察危機、迅速反應潛在的安全問題，持續轉型突破。

未來，公路局將持續深化各式先進的資通訊技術應用，將以AI科技為驅動力，創造更便捷高效的公路數位服務，給全國用路人耳目一新的體驗。

Building a Strong Digital Foundation: Director-General, Chen emphasized the importance of continuing AI-related training courses to enhance staff familiarity with emerging technologies and foster innovative thinking. He further encouraged all departments to propose AI-integrated initiatives for the 2025 fiscal year, aiming to pragmatically advance the Bureau's transition toward smart and data-driven operations.

Goal-Oriented Planning: Realizing a Vision for Enhanced Services

Through proposals from various departments and offices of the Highway Bureau that integrate AI applications based on operational needs, the following service-oriented goals are envisioned:

1. Enhancement of Service Quality: For example, by developing intelligent customer service systems, the Bureau aims to reduce manpower requirements and shorten the processing time for public inquiries and service applications.
2. Optimization of Administrative Efficiency: By leveraging data analytics and integration tools, the Bureau seeks to streamline administrative workflows, enhance decision-support systems, and increase the level of automation and efficiency in governance.
3. Strengthening Public Safety: Combining AI with the Internet of Things (IoT), the Bureau plans to implement digital twin technology for the transportation sector. This will enable automated monitoring and analysis of traffic conditions, provide real-time crisis detection, and ensure swift responses to potential safety issues—pushing forward continuous innovation in transportation safety.

Looking ahead, the Highway Bureau is committed to deepening the application of advanced information and communication technologies (ICT) to enhance digital highway services. By leveraging AI as a driving force, the Highway Bureau aims to deliver more efficient and user-friendly services, providing road users across the nation with a refreshed and elevated experience.



▲ 參訪臺灣微軟總部AI先進應用發展會後參訪成員大合影
Highway Bureau Director-General Chen Wen-juei (left) pictured with Danny Chen (right), General Manager of Microsoft Taiwan's Public Sector Business Group, during a visit to Microsoft Taiwan Headquarters.

78 立磐石　公路寫新史
公路局展現薪火相傳　共創幸福公路家族

78th Anniversary of the Highway Bureau:
Carrying on Traditions and Building a Happy Highway Community Together



▲ 於公路局舉行局慶慶祝會
The celebration of the 78th anniversary of the Highway Bureau.

113年為公路局成立78週年，為擴大參與、凝聚向心力，局慶系列活動於3月至7月間盛大展開，分別為局慶Slogan創意競賽、工程經驗分享及路跑活動、公路盃桌羽球賽、公路好聲音歌唱比賽、公路英語話劇比賽、公路金頭腦專業知能競賽等6項文藝及運動性競賽；另外辦理「尋找幸福公路第一家族」活動，傳遞公路人世代投入公路服務的情懷；各機關同仁熱烈參與，展現有別於平日公務以外的才能與熱情。

局慶Slogan創意競賽於113年4月15日辦理完竣，共有91則投稿作品，其中「78立磐石、公路寫新史」從眾多投稿作品中脫穎而出，獲選為113年度局慶Slogan，並以此做為113年度局慶各項活動的展現主題。

工程經驗分享及路跑活動於5月24、25日在南區養護工程分局舉辦，本次路跑活動是以鐵人2項方式進行：由參加選手分別進行跑步及騎單車競速，每位選手開跑後還須完成三個有趣的關卡。活動開始陳文瑞局長先帶領公路局副總工程司以上核心幹部及局屬機關首長領跑，各隊選手也在南部艷陽下，充分表現出公路人的體力與團結爭取榮譽的熱情。



▲ 於新竹區監理所舉辦公路好聲音歌唱比賽
The Highway Voice singing competition held at the Hsinchu Motor Vehicles Office.



▲ 於南區養護工程分局舉辦路跑活動
The road race organized by the Highway Bureau Southern Region Branch Office.

In 2024, the Highway Bureau marked its 78th anniversary with a series of celebratory events held from March to July, aimed at fostering participation and strengthening cohesion. Activities included six cultural and athletic competitions: the Slogan creativity contest, the Engineering experience sharing and road race, the Highway Bureau Cup table tennis and badminton tournaments, the Highway Voice singing competition, the Highway English skit contest, and the Highway Brain Quiz on professional knowledge. Additionally, the "Seeking Out the Happiest Highway Families" campaign highlighted the dedication of generations of highway personnel to road service. Staff from various agencies participated with great enthusiasm, showcasing talents and passions beyond their daily civil service work.

The Slogan creativity contest for the Highway Bureau's 78th anniversary concluded on April 15, 2024, with a total of 91 submissions. The winning entry, "78 Years of Milestones, the Highway Bureau Writes New History," was selected as the official slogan for the anniversary and served as the central theme for all celebratory events throughout the year.

The Engineering Experience Sharing and Road Race event was held on May 24 and 25 by the Southern Region Branch Office. This year's road race adopted a duathlon format, combining running and cycling competitions. Participants were also required to complete three engaging checkpoints during the event. At the opening ceremony, Director-General, Chen Wen-juei led senior executives at the level of Deputy Director-General and above, along with heads of subordinate agencies, to kick off the race. Under the blazing southern Taiwan sun, team members from across the Highway Bureau demonstrated their stamina, teamwork, and enthusiasm in striving for honor.

文康活動－局慶系列活動 Knowledge-based, creativity-based, and athletic activities were part of the series of events celebrating the Highway Bureau's anniversary	
4/15；4-6月	Slogan創意競賽／幸福公路第一家族選拔 The Slogan creativity contest / Seeking Out the Happiest Highway Families
5/24-25	工程經驗分享暨路跑活動 The Engineering experience sharing and road race
6/22-6/23	公路盃桌羽球賽 The Highway Bureau Cup table tennis and badminton tournaments
6/29	公路好聲音歌唱比賽 The Highway Voice singing competition
7/3	公路英語話劇比賽 The Highway English skit contest
7/17	公路金頭腦專業知能競賽 The Highway Brain Quiz on professional knowledge
8/1	78週年局慶慶祝會 The Highway Bureau 78th anniversary celebration

▲ 公路局113年局慶系列時序表
The official timeline of events for the Highway Bureau's 2024 anniversary celebration.



▲ 於中華電信公司綜合活動中心2樓公路盃桌羽球賽
The Highway Bureau Cup table tennis and badminton tournaments were held on the second floor of the Chunghwa Telecom general activities center.

公路盃桌球、羽球賽是公路局每年的盛事，於113年6月22、23日舉辦，參加人數均突破往年，選手們以球會友，各隊充分發揮運動家精神，加油聲與熱情活力充滿整個賽場。

公路好聲音歌唱比賽則是於6月29日在新竹區監理所舉辦，這次比賽參賽者比起以往更多，競爭越趨激烈，歌曲類型更是國、台、客語等多元語言曲目皆有，呈現公路局同仁多元的歌喉及精彩才藝。

113年局慶活動首次舉辦公路英語話劇比賽，於7月3日在公路人員訓練所進行，各機關組隊以英語來表現公路工程、監理運輸的業務特色，選手們並透過造型有趣的道具、妝服，吸引評審與觀眾的目光，顯露同仁有別平日公務專業的另一面。

公路金頭腦專業知能競賽於7月17日在雲嘉南區養護工程分局舉辦，本次活動透過kahoot系統，以資訊化方式進行比賽，選手們進行搶答更顯緊張刺激，為本次活動增添趣味和可看性。

113年為慶祝公路局創立78週年，展現公路人薪火相傳、公路大家庭開枝散葉，並表彰最多家族成員齊心效力於公路工程、監理運輸領域，特舉辦「尋找幸福公路第一家族」活動，以家族成員人數達5人以上於公路局或所屬機關服務者，獲選為幸福公路第一家族。

局慶慶祝會於8月1日舉行，以「78立磐石公路寫新史」為活動主軸，邀請歌唱比賽優勝者開唱，並安排年度業務成果影片欣賞，特別邀請公路局優秀公務人員和獲選公路第一家族的同仁現場頒獎分享榮耀，亦透過局慶活動花絮影片分享同仁們參與活動比賽的活力與喜悅。



▲ 於雲嘉南區養護工程分局舉辦公路金頭腦專業知能競賽
The Highway Brain Quiz on professional knowledge held at the Yunlin-Chiayi-Tainan Region Branch Office.

The Highway Bureau Cup table tennis and badminton tournaments were organized every year by the Highway Bureau, and in 2024 were held on June 22 and 23. The number of participants set a new record and the competitors, while remaining friendly, conducted themselves with the competitive spirit of sportsmen, with the venue for each event being filled with calls of encouragement and passionate energy.



▲ 於公路人員訓練所舉行公路英語話劇比賽
The Highway English skit contest was held at the Highway Bureau Training Institute.

The Highway Voice Singing Competition was held on June 29 at the Hsinchu Motor Vehicles Office. This year's event saw an increase in participants compared to previous years, with the competition becoming more intense. Contestants performed songs in Mandarin, Taiwanese, and Hakka, showcasing the diverse vocal talents and artistic skills of Highway Bureau colleagues.

As part of its 2024 anniversary celebrations, the Highway Bureau hosted its first English Skit Contest on July 3 at the Training Institute. Teams from various agencies showcased the unique characteristics of highway construction and motor vehicle services through performances delivered entirely in English. Participants used creative props, costumes, and engaging stage presence to captivate both the judges and the audience, revealing a dynamic and imaginative side of Highway Bureau staff beyond their professional roles.

The Highway Brain Quiz on professional knowledge was held on July 17 at the Yunlin-Chiayi-Tainan Branch Offices. This year, the competition utilized the digital Kahoot! platform, introducing an interactive and modern approach. The fast-paced buzzer-style format heightened the tension and excitement, adding both entertainment and engagement to the event for participants and spectators alike.

In 2024, to celebrate the Highway Bureau's 78th anniversary and showcase the legacy of dedication passed down through generations of highway personnel, the Bureau organized the "Seeking Out the Happiest Highway Families" campaign. This initiative aimed to honor families with five or more members serving in the Bureau or its subordinate agencies, recognizing their collective contributions to highway construction and motor vehicle supervision. The campaign highlighted the spirit of unity and growth within the extended highway family, celebrating their shared commitment to advancing public infrastructure and transportation services.

The Highway Bureau held its 78th anniversary celebration on August 1, under the theme "78 Years of Milestones, Writing a New Chapter in Highway History." The event featured performances by winners of the singing competition and a presentation of a video highlighting the Bureau's annual achievements. Outstanding public servants and colleagues from the selected 'Highway First Families' were honored during an on-site award ceremony, sharing their glory with attendees. Additionally, a behind-the-scenes video captured the energy and joy of colleagues participating in various competitions and activities, showcasing their enthusiasm and camaraderie.

法制業務成效卓著　精進專業與實務傳承

Outstanding Achievements in Legal Affairs: Enhancing Professional Expertise and Passing on Practical Knowledge

刊登公報正確百分百　成果卓越

就法令訂修、公示送達及其他須刊登行政院公報之案件，為能夠維持其刊登資料之正確性及完整性，法制室於113年度開辦教育訓練、召開檢討會議，並編撰過去刊登公報錯誤態樣之彙編，促使同仁能夠於刊登作業上避免發生錯誤，故經統計本年度共計刊登1,141件，正確率達100%，創下歷年最好之成績。

精進國家賠償業務　增進保障機關權益

公路局所屬機關轄管之公路，係屬民眾使用之開放性公共設施，每年度常有民眾主張公路涉及設置或管理欠缺致其受損而提出申請國家賠償，法制室特就過去發生的國家賠償案件常見類型，透過蒐集並歸納常用規定及法院判決實務見解，以提供所屬機關國家賠償業務承辦人員參酌，有效提高處理案件之行政效率，並保障機關權益。

推廣法制教育並提供法律諮詢　不遺餘力

為持續加強同仁法律概念，法制室賡續開辦工程法律、公報與法制作業、國賠實務及行政救濟等講習班，以及指派專人擔任公路局主計室及所屬機關法律實務課程的講師；另法制室亦提供法律諮詢，於113年度累計達456件次、服務時間計達10,752分鐘，積極協助業務單位突破法律障礙，並避免同仁誤觸法令，俾利業務單位「依法行政」推展業務及遂行長官交辦之各項任務，並在合法下達到周延妥適之行政目的。



▲ 法制室指派專人至中區養護工程分局講授法律課程
The Legal Affairs Office dispatched a specialist to the Central Region Branch Office to teach a legal course.



▲ 法制室指派專人至高市所講授法律課程
The Legal Affairs Office dispatched a specialist to the Kaohsiung City Motor Vehicles Office to teach a legal course.

Outstanding Results in Achieving 100% Accuracy in the Executive Yuan Gazette

To ensure the accuracy and completeness of items requiring publication in the Executive Yuan Gazette, such as new or amended laws and regulations or public notifications, the Legal Affairs Office of the Highway Bureau organized training sessions, held review meetings, and compiled a collection of past publication errors in 2024. These efforts aimed to help staff avoid similar mistakes in future publication processes. As a result, a total of 1,141 items were published during the year with a 100% accuracy rate, setting a record for the Bureau's best performance to date.

Refining State Compensation Work, Enhancing and Protecting the Rights and Interests of Agencies

Highways under the jurisdiction of the Highway Bureau are public infrastructure open for public use. Each year, members of the public frequently file claims for state compensation, alleging damages caused by deficiencies in highway construction or management. To address such cases effectively, the Legal Affairs Office (LAO) has analyzed common types of state compensation claims, compiled frequently cited regulations, and reviewed relevant court rulings. These resources are provided to compensation officers within subordinate agencies to serve as a reference, thereby improving administrative efficiency in case handling while safeguarding the rights and interests of the agencies.

Sparing No Effort to Promote Legal Education and Provide Legal Consultations

To continuously enhance legal awareness among personnel, the Legal Affairs Office has organized training courses on construction law, legislative practices, state compensation, and administrative remedies. Specialists have been assigned as instructors for legal practice courses conducted by the Accounting Office and subordinate agencies. In addition, the Legal Affairs Office (LAO) provided 456 instances of legal consultation in 2024, totaling 10,752 minutes of service. These efforts actively assist business units in overcoming legal barriers, preventing inadvertent violations of laws and regulations, and promoting law-based administration. This support ensures lawful operations while achieving comprehensive and appropriate administrative objectives.

組織系統 Organizational Structure

公路局內部單位計有6組、6室、4個任務編組。

17個所屬機關（構）：

- 5個養護工程分局：所轄36個工務段及53個監工站。
- 3個新建工程分局（處）：所轄18個工務段。
- 7個監理所：所轄26個監理站、4個監理分站及7個鑑定會。
- 公路人員訓練所：所轄2個訓練中心。
- 工程材料技術所。

The internal units of the Highway Bureau include: 6 divisions, 6 offices, and 4 temporary task force units.

17 subordinated units :

- 5 Region Branch Offices (36 branches and 53 stations).
- 3 Region New Construction Branch Offices (18 branches).
- 7 Motor Vehicles Offices (26 stations, 4 substations, and 7 investigation committees).
- Training Institute (2 institutes).
- Materials Technology Institute.




局長
Director General
副局長
Deputy Director General
副局長
Deputy Director General
總工程司
Chief Engineer
主任秘書
Chief Secretary
規劃組
Planning Division
工務組
Engineering Division
養路組
Maintenance Division
交通管理組
Traffic Management Division
監理組
Motor Vehicles Division
運輸組
Transportation Division
資訊室
Information Management Office
法制室
Legal Affairs Office
秘書室
Secretariat
主計室
Accounting and Statistics Office
人事室
Personnel Office
政風室
Civil Service Ethics Office
車輛行車事故鑑定覆議會
Traffic Accident Investigation Review Committee
公路防災中心
Highway Disaster Prevention Center
用路人服務中心
Road User Service Center
車輛動態資訊管理中心
Vehicle Dynamic Information Management Center
北區養護工程分局
Northern Region Branch Office
中區養護工程分局
Central Region Branch Office
南區養護工程分局
Southern Region Branch Office
東區養護工程分局
Eastern Region Branch Office
雲嘉南養護工程分局
Yunlin-Chiayi-Tainan Region Branch Office
北區公路新建工程分局
Northern Region New Construction Branch Office
南區公路新建工程分局
Southern Region New Construction Branch Office
蘇花公路改善工程處
Suhua Improvement Engineering Office
工程材料技術所
Material Technology Institute
臺北區監理所
Taipei Motor Vehicles Office
新竹區監理所
Hsinchu Motor Vehicles Office
臺中區監理所
Taichung Motor Vehicles Office
嘉義區監理所
Chiayi Motor Vehicles Office
高雄區監理所
Kaohsiung Motor Vehicles Office
臺北市區監理所
Taipei City Motor Vehicles Office
高雄市區監理所
Kaohsiung City Motor Vehicles Office
公路人員訓練所
Training Institute

施政計畫 Administrative Project

計畫名稱 Project name	年度預算（千元） Annual budget (NTD 1,000)	計畫期程（年） Timeframe (year)	列管級別 Supervisory Level
淡江大橋及其連絡道路建設計畫 Danjiang Bridge and Connecting Roads Construction Project	2,882,407	2014-2026	政院管制 Executive Yuan Management
2030年客運車輛電動化推動計畫 The 2030 Bus Electrification Promotion Project	2,134,000	2024-2030	政院管制 Executive Yuan Management
改善停車問題計畫 Parking Improvement Project	6,648,250	2017-2024	部會管制 Ministry Management
提升道路品質建設計畫 Road Quality Improvement Construction Project	2,305,014	2017-2025	部會管制 Ministry Management
東西向快速公路台76線（原漢寶草屯線）台19線以西路段改線工程 East-West Expressway No.76 (former Hanbao-Caotun Expressway) Section on the West of Provincial Highway No.19 Construction Project	3,444,473	2018-2026	部會管制 Ministry Management
生活圈道路交通系統建設計畫（公路系統） Region-Based Road System Construction Project (Highway System)	4,240,113	2022-2027	部會管制 Ministry Management
公共充電樁設置及區域充電需求評估計畫 Public Electric Vehicle Charging Station Installation and Regional Charging Demand Assessment Project	949,990	2023-2024	部會管制 Ministry Management
環島自行車道升級暨多元路線整合推動計畫第二期 Bicycle Route Upgrade and Integration Project, Phase II	565,044	2024-2027	部會管制 Ministry Management
台9線花東縱谷公路安全景觀大道計畫 A Safe Landscape Boulevard on East Rift Valley Highway of Provincial Highway No.9 Project	2,560,319	2017-2024	自行管制 Autonomous-Management
省道改善計畫 Provincial Highway Improvement Project	9,364,307	2019-2024	自行管制 Autonomous-Management
西濱快速公路曾文溪橋段新建工程 New Construction of the Zengwun River Bridge section of the West Coast Expressway	1,364,343	2020-2028	自行管制 Autonomous-Management



計畫名稱 Project name	年度預算（千元） Annual budget (NTD 1,000)	計畫期程（年） Timeframe (year)	列管級別 Supervisory Level
台9線花東縱谷公路安全景觀大道計畫（臺東段） A Safe Landscape Boulevard on East Rift Valley Highway of Provincial Highway No.9 Project (Taitung section)	818,900	2021-2027	自行管制 Autonomous-Management
公路公共運輸服務升級計畫 Highway Public Transport Service Enhancement Project	4,547,497	2021-2024	自行管制 Autonomous-Management
公路監理資料庫暨基礎建設升級計畫 Highway Public Transport Service Enhancement Project	305,400	2024-2026	自行管制 Autonomous-Management
汽車修護技工因應運具電動化專業技術公正轉型訓練計畫 Specialized Technical Training Project for Automotive Technicians for a Just Transition to Vehicle Electrification	4,000	2024-2026	自行管制 Autonomous-Management
省道快速公路改善計畫 Provincial Expressway Highway Improvement Project	3,357,536	2024-2029	自行管制 Autonomous-Management
公路養護計畫 Highway Maintenance Project	11,133,477	2024-2024	自行管制 Autonomous-Management
臺中區監理所臺中市監理站新建辦公大樓工程計畫 The New Office Building Construction Project for Taichung City Station, Taichung Motor Vehicles Office	130,003	2019-2025	自行管制 Autonomous-Management
臺北市區監理所遷建計畫 Taipei City Motor Vehicles Office Relocation Project	1,262	2022-2027	自行管制 Autonomous-Management
甲仙工務段現有廳舍建置 The Jiaxian Branch Existing Office Buildings Construction	8,152	2023-2026	自行管制 Autonomous-Management
臺北區監理所板橋監理站用地配合興建社會住宅遷建計畫（「F－中和－15」社宅基地） Banqiao Station Relocation Project of the Taipei Motor Vehicles Office for Social Housing Development Coordination (F-Zhonghe-15 Site)	30,020	2024-2028	自行管制 Autonomous-Management

參賽成果 Competition Results

編號 Number	考評（核）或競賽名稱 Evaluation or the name of the Competition	得獎單位 Awarded Unit	成績 Result
1	113年度交通部金路獎 – 路況養護類 – 省道 – 工程分局 The 2024 MOTC Golden Way Awards – Highway Maintenance Category – Provincial Highway – Branch Office	北區養護工程分局 Northern Region Branch Office	第1名 First Place
2	113年度交通部金路獎 – 優良景觀類 The 2024 MOTC Golden Way Awards – Excellent Landscape Category – Provincial Highway	中區養護工程分局（信義工務段） Central Region Branch Office (Xinyi Branch)	第1名 First Place
3	113年度第7屆「政府服務獎」– 公路平安行 打造南橫永續、關懷在地需求 服務再升級 The 2024 7th Government Services Award – Safe Highway Travel and Sustainability for the Southern Cross-Island Highway: Concern for Local Needs and Enhanced Services	南區養護工程分局（甲仙工務段） Southern Region Branch Office (Jiaxian Branch)	獲獎 Winning Award
4	台灣永續能源研究基金會「2024第4屆TSAA 台灣永續行動獎」（陸地生態） The 2024 4th Taiwan Sustainability Action Awards, TSAA ("Life on Land" category) from the Taiwan Institute for Sustainable Energy	中區養護工程分局（苗栗工務段） Central Region Branch Office (Miaoli Branch)	金獎 Gold Award
5	台灣永續能源研究基金會「2024第4屆TSAA 台灣永續行動獎」（工業、創新基礎建設） The 2024 4th Taiwan Sustainability Action Awards, TSAA ("Industry, Innovation and Infrastructure" category) from the Taiwan Institute for Sustainable Energy	中區養護工程分局（南投工務段） Central Region Branch Office (Nantou Branch)	銀獎 Silver Award
6	台灣永續能源研究基金會「2024第3屆APSAA 亞太永續行動獎」（陸地生態） The 2024 3rd Asia-Pacific Sustainable Action Awards, APSAA ("Life on Land" category) from the Taiwan Institute for Sustainable Energy	中區養護工程分局（苗栗工務段） Central Region Branch Office (Miaoli Branch)	銀獎 Silver Award
7	台灣永續能源研究基金會2024第3屆APSAA 亞太永續行動獎（工業、創新基礎建設） The 2024 3rd Asia-Pacific Sustainable Action Awards, APSAA ("Industry, Innovation and Infrastructure" category) from the Taiwan Institute for Sustainable Energy	中區養護工程分局（南投工務段） Central Region Branch Office (Nantou Branch)	銅獎 Bronze Award

編號 Number	考評（核）或競賽名稱 Evaluation or the name of the Competition	得獎單位 Awarded Unit	成績 Result
8	台灣永續能源研究基金會2024第2屆WBA台灣生物多樣性獎 The 2024 2nd Taiwan Biodiversity Awards from the Taiwan Institute for Sustainable Energy	南區養護工程分局 Southern Region Branch Office	金獎 Gold Award
9	中華民國景觀大獎2023第11屆台灣景觀大獎 – 風景遊憩類 The 2023 11th Taiwan Landscape Awards: "Scenic Recreation" category	東區養護工程分局 Eastern Region Branch Office	優質獎 Excellent
10	2024美國繆思設計景觀大獎International Awards Associate（IAA） The 2024 MUSE Landscape Design Awards from International Awards Associates	東區養護工程分局 Eastern Region Branch Office	設計獎銀獎 Design Award – Silver
11	交通部2023第3屆領航盃 – 無人機創意應用大賽（構想組優選） The 2023 3rd MOTC Navigation Cup – Drone Creative Application Competition (Concept Category Excellence)	東區養護工程分局（南澳工務段） Eastern Region Branch Office (Nan'ao Branch)	優選 Excellent
12	113年交通部金路獎 – 路況養護類 The 2024 MOTC Golden Way Awards – Highway Maintenance Category	雲嘉南區養護工程分局（阿里山工務段） Yunlin-Chiayi-Tainan Region Branch Office (Alishan Branch)	第1名 First Place
13	113年交通部金路獎 – 用路人資訊類 The 2024 MOTC Golden Way Awards – Road User Information Category	雲嘉南區養護工程分局（斗南工務段） Yunlin-Chiayi-Tainan Region Branch Office (Dounan Branch)	第1名 First Place
14	IFLA AAPME Awards 2024國際景觀大獎競賽「Everlasting Forests-Building Alis han with Three Pillars of Nature – 森森不息 – 以三生構築阿里山公路（台18線78k~85k）」 International Federation of Landscape Architects –Africa, Asia-Pacific, and Middle East Awards 2024 for "Everlasting Forests – Building Alishan with Three Pillars of Nature (Provincial Highway No.18 78k~85k)"	雲嘉南區養護工程分局（阿里山工務段） Yunlin-Chiayi-Tainan Region Branch Office (Alishan Branch)	榮譽獎 Honorable Mention

編號 Number	考評（核）或競賽名稱 Evaluation or the name of the Competition	得獎單位 Awarded Unit	成績 Result
15	112年度部會管制計畫評核『東西向快速公路台76線（原漢寶草屯線）台19線以西路段改線工程』獲優等 The 2023 Evaluation of Ministry-Managed Programs, "Excellence" for "East-West Expressway Provincial Highway No.76 (Originally Hanbao-Caotun Road) and Provincial Highway No.19 Western Section Rerouting Project"	北區公路新建工程分局 Northern Region New Construction Branch Office	優等 Excellent
16	「112年度院頒道路交通秩序與交通安全改進方案執行成果實施計畫」– 公路監理第1組 2023 Executive Yuan Annual Inspection "Improvement Program for Traffic Order and Safety" – motor vehicle office team 1	臺北區監理所 Taipei Motor Vehicles Office	第1名 First Place
17	交通部112年「運輸資料流通服務平臺TDX」加盟協作單位績效評獎作業（票證組 – 公車類） The 2023 MOTC Transport Data eXchange (TDX) Collaborative Unit Performance Award ("Bus Ticket" Category)	臺北區監理所 Taipei Motor Vehicles Office	優等 Excellent
18	交通部2024金運獎 The 2024 MOTC Golden Transportation Awards	新竹區監理所 Hsinchu Motor Vehicles Office	績優獎 Outstanding Award
19	「112年度院頒道路交通秩序與交通安全改進方案執行執行成果實施計畫」– 公路監理第2組 2023 Executive Yuan Annual Inspection "Improvement Program for Traffic Order and Safety" – motor vehicle office team 2	新竹區監理所 Hsinchu Motor Vehicles Office	第1名 First Place
20	112年汽車貨運調查 The 2023 MOTC Annual Evaluation of Auto Cargo	桃園監理站 Taoyuan Motor Vehicles Station	第1名 First Place
21	第21屆機關檔案管理金檔獎（中央組） The 21st Records Management Quality Award for Agency Archives Management ("Central Government" Category)	新竹區監理所 Hsinchu Motor Vehicles Office	獲獎 Winning Award
22	全國績優之幸福巴士服務地區 The National Outstanding Happiness Bus Services Area	臺中區監理所 Taichung Motor Vehicles Office	傑出獎 Outstanding Award

編號 Number	考評（核）或競賽名稱 Evaluation or the name of the Competition	得獎單位 Awarded Unit	成績 Result
23	「112年度院頒道路交通秩序與交通安全改進方案執行成果實施計畫」－公路監理第3組 2023 Executive Yuan Annual Inspection "Improvement Program for Traffic Order and Safety" – motor vehicle office team 3	臺中區監理所（南投監理站） Taichung Motor Vehicles Office (Nantou Station)	第1名 First Place
24	「112年度院頒道路交通秩序與交通安全改進方案執行成果實施計畫」－交通安全宣導第2組 2023 Executive Yuan Annual Inspection "Improvement Program for Traffic Order and Safety" – traffic safety advocacy team 2	臺中區監理所（彰化監理站） Taichung Motor Vehicles Office (Changhua Station)	第1名 First Place
25	「112年度院頒道路交通秩序與交通安全改進方案執行成果實施計畫」－交通安全宣導第3組 2023 Executive Yuan Annual Inspection "Improvement Program for Traffic Order and Safety" – traffic safety advocacy team 3	臺中區監理所（南投監理站） Taichung Motor Vehicles Office (Nantou Station)	第1名 First Place
26	交通部112年「運輸資料流通服務平臺TDX」加盟協作單位績效評獎（票證組公車） The 2023 MOTC Transport Data eXchange (TDX) Collaborative Unit Performance Award ("Bus Ticket" Category)	嘉義區監理所 Chiayi Motor Vehicles Office	優等 Excellent
27	112年行政院性別平等深耕獎 The 2023 Executive Yuan Gender Equality Promotion Awards	高雄區監理所 Kaohsiung Motor Vehicles Office	深耕獎 Deep Cultivation Award
28	113年幸福巴士金運獎 The 2024 Happiness Bus Golden Transportation Awards	高雄區監理所 Kaohsiung Motor Vehicles Office	卓越獎 Excellence Award
29	行政院第2屆「透明晶質獎」 The 2nd Executive Yuan Integrity Awards	高雄市區監理所 Kaohsiung City Motor Vehicles Office	特優 Superior
30	行政院113年度標竿學習案例甄選「觸觸（處處）守護－導入AI智慧科技守護道路交通安全」 The 2024 Executive Yuan Benchmark Case Studies Selection for "Safety Everywhere – the Introduction of AI Smart Technology to Ensure Road Traffic Safety"	高雄市區監理所 Kaohsiung City Motor Vehicles Office	特優 Superior
31	經濟部水利署「112年度節約用水績優單位」 The Ministry of Economic Affairs, Water Resources Agency "2023 Outstanding Water Conservation Unit"	工程材料技術所 Material Technology Institute	優等獎 Excellent

研究計畫 Research and Development

項次 Number	研究計畫名稱 Name of Research Development	研究單位 Research Unit
1	添加卜作嵐材料改善RAP混凝土力學性質之研究 The Addition of Pozzolanic Materials to Improve the Mechanical Properties of RAP Concrete	工程材料技術所 Material Technology Institute
2	瀝青混凝土鋪面抗滑性能之研究 Anti-Skid Performance of Asphalt Concrete	工程材料技術所 Material Technology Institute
3	手推式抗滑儀評估標線抗滑性能維護管理之研究 Use of a Hand-Pushed Skid Resistance Meter to Evaluate Anti-Skid Maintenance Management for Traffic Markings	工程材料技術所 Material Technology Institute
4	民眾參加機車駕訓班意願分析 – 以臺北區監理所為例 An Analysis of Public Willingness to Participate in Motorcycle Driver Training: The Case of the Taipei Motor Vehicles Office	臺北區監理所 Taipei Motor Vehicles Office
5	自動化彙整貨運三業EIS報表效益研究 – 以桃園轄管貨運業者為例 A Study on the Effectiveness of Automated EIS Report Integration for the Three Freight Industries: A Case Study of Taoyuan Jurisdiction Operators	新竹區監理所桃園監理站 Taoyuan Station, Hsinchu Motor Vehicles Office
6	應用深度學習加速監理影像稽查 Applying Deep Learning to Expedite Image-Based Motor Vehicle Supervision	高雄市區監理所 Kaohsiung City Motor Vehicles Office
7	發展職業駕駛人風險識別（PDRI）系統之可行性研究 – 以改善汽車貨運三業交通傷亡事故及違規為例 Feasibility Study on Developing a Professional Driver Risk Identification (PDRI) System: A Case for Reducing Traffic Accidents and Violations in the Three Freight Industries	高雄市區監理所 Kaohsiung City Motor Vehicles Office
8	危險物品車輛動態系統平臺再精進 – 危物車輛現蹤跡，安全把關再升級 Further Optimization of the Dynamic System Platform for Hazardous Goods Vehicles: Enhanced Tracking and Upgraded Safety Controls	高雄市區監理所 Kaohsiung City Motor Vehicles Office
9	電動大客車保養維修技術人力轉型訓練導入VR教學計畫 VR-Based Training Program for Maintenance Technicians Transitioning to Electric Buses	公路人員訓練所 Training Institute
10	公路局各區養護工程分局職業婦女工作壓力及休閒參與度研究 A Study on Job Stress and Leisure Participation among Professional Women in Highway Bureau Region Branch Offices	北區養護工程分局 Northern Region Branch Office

大事紀要 Major Events

1 Jan

1/15	台9線351k+740～353k+250賓朗外環段道路新闢工程開工，完工效益為增加公路容量，建構完整運輸，促進地區發展。 The commencement of the "New Construction Project for the Binlang Ring Road Section of Provincial Highway No.9 (351k+740~353k+250)" marks a significant milestone. The project will increase highway capacity, establish a more complete transportation network, and promote regional development.
1/17	行政院核定「淡水河北側沿河平面道路工程」修正計畫。 The Executive Yuan approved the revised plan for the "Riverside Surface Road Project along the North Side of the Tamsui River."
1/28	「東西向快速公路台76線（3k+700～11k+585）文津至西庄路段新建工程」完工通車，有助於提升彰化西南角發展，帶動地方觀光發展。 The "New Construction Project on the Wenjin to Xizhuang Section of the East-West Expressway (Provincial Highway No.76, 3k+700~11k+585)" has been completed and opened to traffic. This project will promote development in the southwestern corner of Changhua County and boost local tourism.
1/30	「台64線銜接台61線南向匝道改善工程建工程」部分匝道（台61線北上銜接台64線往東匝道）通車，有助於紓解台64線及台61線平交路口交通壅塞問題。 A ramp under the "Improvement Project for the Southbound Connection between Provincial Highways No.64 and No.61" – specifically, the ramp linking the northbound lane of No.61 to the eastbound lane of No.64 – was opened to traffic. This will help ease congestion at the intersection of these two highways.

2 Feb

2/8	為確保春節返鄉及旅遊行車安全，公路局各監理所站同仁會同警察機關，執行全國同步擴大聯稽路檢勤務。交通部陳彥伯政務次長至國道五號石碇服務區視察，並前往南澳交控中心視察春節疏運情形及整備情況，勉勵同仁在連假期間執勤辛勞。 To ensure safe travel for people returning home or sightseeing during the Lunar New Year holiday, the Motor Vehicles Offices under the Highway Bureau worked together with police agencies to conduct nationwide joint road inspections. MOTC Political Deputy Minister, Chen Yen-po visited the Shiding Service Area on National Freeway No.5 and the Nan'ao Traffic Control Center to inspect holiday traffic flow management. He also expressed appreciation to the frontline personnel for their dedication during the holiday period.
2/16	「台8線36k～62k（含台8甲線）谷關至德基段復建可行性研究」行政院核定。 The Executive Yuan approved the "Feasibility Study on Reconstructing the Guguan to Deji Section (36k~62k, including Provincial Highway No.8A) of Provincial Highway No.8."

3 Mar

3/8	公路局苓雅監理站辦理落成啟用典禮，交通部陳彥伯政務次長及公路局陳文瑞局長為新站剪綵、啟用，並視導各項數位監理成果展示。 A completion and inauguration ceremony was held for the Linya Station of the Kaohsiung City Motor Vehicles Office. MOTC Political Deputy Minister, Chen Yen-po and Highway Bureau Director-General, Chen Wen-juei officiated the ribbon-cutting and inaugurated the new station. They also reviewed the station's achievements in digital motor vehicles management.
3/12	行政院鄭文燦副院長（時任）、交通部王國材部長（時任）至桃園捷運長庚醫院站聽取桃園捷運及TPASS使用情形，並視察加值購買月票及進出閘門動線。 The Vice Premier, Cheng Wen-tsan (formerly) and the MOTC Minister, Wang Kwo-tsai (formerly) visited Chang Gung Memorial Hospital Station on the Taoyuan Metro to learn about the operation of the Taoyuan Metro and TPASS, and to inspect the flow of passengers using value-added monthly passes and the faregate access system.
3/15	行政院張景森政務委員前往現勘「台8線36k～62k（含台8甲線）谷關至德基段復建工程」。 Executive Yuan Minister without Portfolio, Chang Ching-sen conducted an on-site inspection of the "Reconstruction Project for the Guguan to Deji Section (36k~62k, including Provincial Highway No.8A) of Provincial Highway No.8."
3/19	「台62線（七堵）延伸萬里及金山可行性評估」行政院核定。 The Executive Yuan approved the "Feasibility Study on Extending Provincial Highway No.62 from Qidu to Wanli and Jinshan."
3/26	交通部王國材部長（時任）前往屏東縣春日鄉、來義鄉進行視察，實際搭乘幸福巴士營運路線並聽取鄉公所等相關單位報告。 The MOTC Minister, Wang Kwo-tsai (formerly) visited Chunri Township and Laiyi Township in Pingtung County, where he personally rode on operational routes of the Happiness Bus and listened to briefings by the respective township offices and relevant agencies.
3/29	公路局舉辦「2024幸福巴士金運獎頒獎典禮暨工作坊」 The Highway Bureau held the "2024 Happiness Bus Golden Transportation Awards Ceremony and Workshop."

4 Apr

4/2	交通部陳彥伯政務次長出席「台7線32k+500災害復建工程」開工動土典禮，由黃運貴司長、陳柏源科長、立委秘書邱若華、前立委孔文吉委員、公路局陳文瑞局長、以及桃園市張善政市長、當地議員等貴賓、地方鄉親一同蒞臨參與。 The MOTC Political Deputy Minister, Chen Yen-po attended the groundbreaking ceremony for the "Disaster Recovery Reconstruction Project at 32k+500 on Provincial Highway No.7." Attendees included MOTC Director-General of the Department of Railways, Highways, and Road Safety, Huang Yun-kuei, Section Chief, Chen Po-yuan, Legislative Yuan Member Secretary, Chiu Jo-hua, former Legislator, Kung Wen-chi, Highway Bureau Director-General, Chen Wen-juei, Taoyuan City Mayor, Chang San-cheng, and local councilors and residents.
4/3	交通部陳彥伯政務次長視察臺北轉運站清明連假疏運，確認連假期間各客運業者整備情形及轉運站旅客疏運動線，督導連假疏運順利進行。 The MOTC Political Deputy Minister, Chen Yen-po inspected operations at the Taipei Bus Station during the Qingming Festival holiday to review preparedness among intercity bus operators and to observe passenger flow and traffic dispersal measures at the terminal, ensuring smooth holiday traffic management.
4/8	行政院陳建仁院長（時任）率交通部王國材部長（時任）視察「台62線（七堵）延伸萬里及金山」。 The Premier, Chen Chien-jen (formerly) and the MOTC Minister, Wang Kwo-tsai (formerly) inspected the "Extension Project of Provincial Highway No.62 from Qidu to Wanli and Jinshan."
4/9	行政院陳建仁院長（時任）率交通部王國材部長（時任）視察「屏南快速公路」，於現地聽取公路局陳文瑞局長簡報，並宣布「屏南快速公路」可行性評估案通過。 The Premier, Chen Chien-jen (formerly) and the MOTC Minister, Wang Kwo-tsai (formerly) visited the proposed route of the "Southern Pingtung Expressway," received a project briefing from Highway Bureau Director-General, Chen Wen-juei, and announced that the feasibility study for the expressway had been approved.
4/24	行政院陳建仁院長（時任）、李孟諺秘書長、林子倫發言人、交通部王國材部長（時任）、各縣市政府及相關業者出席「TPASS慶週年乘車金大放送」活動記者會。 The Premier, Chen Chien-jen (formerly), Executive Yuan Secretary-General, Li Meng-yen, Spokesperson, Lin Tze-luen, the MOTC Minister, Wang Kwo-tsai (formerly) representatives from local governments, and industry stakeholders attended the press conference for the "TPASS Anniversary Celebration: Big Giveaway of Travel Credits" campaign.
4/26	交通部陳彥伯政務次長陪同監察院交通及採購委員會巡察中橫公路復建方案推動情形。 The MOTC Political Deputy Minister, Chen Yen-po accompanied the Control Yuan Committee on Transportation and Procurement Affairs on an inspection tour to review progress on the Central Cross-Island Highway Reconstruction Project.

4 Apr

4/26	行政院陳建仁院長（時任）率交通部王國材部長（時任）視察台2庚延伸線規劃情形。 The Premier, Chen Chien-jen (formerly) and the MOTC Minister, Wang Kwo-tsai (formerly) inspected the planning of the Provincial Highway No.2G Extension Project.
4/27	行政院陳建仁院長（時任）率交通部陳彥伯政次視察「台39線（高鐵橋下道路）延伸至仁武計畫」，於現地聽取公路局陳文瑞局長簡報，後續辦理綜規環評作業。 The Premier, Chen Chien-jen (formerly) and the MOTC Political Deputy Minister, Chen Yen-po inspected the "Extension Project of Provincial Highway No.39 (under the High-Speed Rail viaduct) to Renwu." A project briefing was given by Highway Bureau Director-General, Chen Wen-juei, and comprehensive planning and environmental assessment procedures will follow.

5 May

5/14	台9線蘇花公路安全提升計畫，環境部環評專案小組第2次初審會議結論「建議通過」。 At the second preliminary review meeting of the Environmental Impact Assessment Review Committee of the Ministry of Environment, it was recommended that the "Suhua Highway Safety Enhancement Project on Provincial Highway No.9" be approved.
5/21	交通部李孟諺部長（時任）上任後首視察淡江大橋工程，並以高鐵為例，勉勵機關通車是一時的，品質是永遠的，務請施工團隊確保本工程施工品質。 The MOTC Minister, Li Meng-yen (formerly) conducted his first on-site inspection of the Danjiang Bridge Project. Citing the Taiwan High-Speed Rail as an example, he reminded agencies that while opening a road is temporary, ensuring quality is permanent. He instructed the construction team to strictly ensure engineering quality throughout the project.
5/22	交通部李孟諺部長（時任）113年5月22日先陪同行政院卓榮泰院長視察台9線下清水橋災害搶修及復建規劃情形，再轉往台8線太魯閣路段勘查重要災點及搶修情形，指示公路局積極辦理復建工作，維護行車安全。 On May 22, 2024, the MOTC Minister, Li Meng-yen (formerly) accompanied Premier, Cho Jung-tai to inspect the disaster repair and reconstruction planning at the Xiaqingshui Bridge on Provincial Highway No.9. He then proceeded to the Taroko section of Provincial Highway No.8 to examine key disaster sites and ongoing emergency repair efforts. He instructed the Highway Bureau to actively carry out reconstruction works and maintain road safety.

6 Jun

6/5	公路局為提升騎乘機車的危險感知能力，108年起建置有「機車危險感知教育平臺」，迄今已累積117部影片，並於113年6月5日將危險感知影片題正式納入機車筆試，屬機車筆試由過往文字及圖片題型，邁向影片題的一大變革。 To enhance hazard perception among motorcyclists, the Highway Bureau launched the "Motorcycle Hazard Perception Education Platform" in 2019. The platform now includes 117 educational videos. On June 5, 2024, hazard perception videos were officially incorporated into the written exam for motorcycle licenses, marking a significant shift from traditional text and image-based questions to video-based formats.

6 Jun

6/11	台9線287k+000～292k+625大禹至玉里段道路拓寬工程完工，本工程屬花東縱谷之重要交通幹道，完工後可提升道路安全及服務水準，並帶動地方觀光發展。 The "Dayu to Yuli Road Widening Project, 287k+000~292k+625 on Provincial Highway No.9" has been completed. As a key transportation artery in the East Rift Valley, the project improves road safety and service levels while promoting regional tourism development.
6/18	公路局於桃園監理站設置「交通安全教育園區」，6月18日舉辦開幕典禮並啟用。 The Highway Bureau established a "Traffic Safety Education Park" at the Taoyuan Station. The opening ceremony was held, and the facility officially began operations on June 18.
6/29	交通部李孟諺部長（時任）陪同行政院卓榮泰院長視察淡江大橋，並勉勵施工團隊如期如質完成。 The MOTC Minister, Li Meng-yen (formerly) accompanied Premier, Cho Jung-tai in an inspection of the Danjiang Bridge Project, encouraging the construction team to complete the project on schedule and with high quality.

7 Jul

7/1	公路局實施自費講習線上預約，民眾可直接至監理服務網／交通違規／道安講習相關／道路交通安全講習系統平臺連結申請報名。 The Highway Bureau has implemented an online reservation system for self-paid traffic safety lectures. Members of the public may register directly via the Motor Vehicle Driver Information Service website by navigating to "Traffic Violations"/"Traffic Safety Lectures" to access the reservation platform.
7/5	交通部陳彥伯政務次長視察花蓮地區土石流後續處理情形。 The MOTC Political Deputy Minister, Chen Yen-po inspected post-landslide management efforts in Hualien.
7/10	交通部林國顯常務次長率公路局與觀光署視察台9丁線（舊蘇花公路）沿線已完成景觀改善及未改善但具發展潛力之點位，並研議後續觀光行銷等事宜。 The MOTC Administrative Deputy Minister, Lin Kuo-shian, accompanied by representatives from the Highway Bureau and the Tourism Administration, inspected completed and potential scenic improvement sites along Provincial Highway No.9D (former Suhua Highway), and discussed follow-up tourism promotion strategies.
7/16	公路局南區養護工程分局「台26線路蟹廊道」榮獲台灣永續能源研究基金會（TAISE）主辦第二屆「TWBA台灣生物多樣性獎」金級獎（非營利事業組）。 The Highway Bureau's Southern Region Branch Office received a Gold Award (Non-Profit Category) at the 2nd Taiwan Biodiversity Awards hosted by the Taiwan Institute for Sustainable Energy (TAISE) for its "Land Crab Corridor" along Provincial Highway No.26.

7 Jul

7/16	TPASS月票自112年7月1日上路啟用迄今已滿週年，交通部公路局為感謝民眾支持及鼓勵民眾踴躍使用TPASS月票，舉辦「TPASS慶週年乘車金大放送」活動，開放上網登錄參與，並於16日抽出各獎項幸運得主。 The TPASS system marked its first anniversary since its launch on July 1, 2023. To thank the public for their support and encourage continued use of TPASS monthly passes, the Highway Bureau organized the "TPASS Anniversary Celebration: Big Giveaway of Travel Credits" campaign, which included online registration and a prize drawing held on July 16.
7/18	交通部陳彥伯政務次長赴台8線東段瞭解0403地震災後復建情形。 The MOTC Political Deputy Minister, Chen Yen-po visited the eastern section of Provincial Highway No.8 to review post-earthquake reconstruction progress following the April 3 Hualien Earthquake.
7/19	交通部李孟諺部長（時任）赴台8線東段瞭解省道受損情形。 The MOTC Minister, Li Meng-yen (formerly) conducted an on-site inspection of Provincial Highway No.8 (Eastern Section) to assess provincial road damage conditions.
7/27	行政院卓榮泰院長偕同交通部李孟諺部長（時任）等人前往台9線164.2k邊坡災點附近及臺鐵崇德車站視察凱米颱風造成花蓮交通受阻及搶修情形。 The Premier, Cho Jung-tai, accompanied by the MOTC Minister, Li Meng-yen, (formerly) inspected the side slope disaster near the 164.2k on Provincial Highway No.9 and Chongde Station of the Taiwan Railways Corporation to assess transportation disruptions and emergency repair work caused by Typhoon Gaemi in Hualien.
7/28	交通部李孟諺部長（時任）於113年7月28日赴高雄視察台20線南橫公路明霸克露橋、台29線10k瞭解旗山地區省道受損情形，並前往嘉義區視察台82線快速公路中和交流道因八掌溪溢堤積淹水、凱米颱風造成鐵、公路交通路線之災損、修復進度及備援情形。 On July 28, 2024, the MOTC Minister, Li Meng-yen (formerly) inspected Provincial Highway No.20 (Southern Cross-Island Highway) at the Mingba-Kelu Bridge and Provincial Highway No.29 at the 10k in the Qishan area to assess damage. He also visited the Zhonghe Interchange on Expressway No.82 in the Chiayi area to evaluate flooding from the Bazhang River overflow and Typhoon Gaemi's impact on rail and highway transportation, including progress on repairs and contingency measures.
7/31	交通部李孟諺部長（時任）率公共運輸及監理司林福山司長、交通部公路局陳文瑞局長安排視察臺北市區監理所士林監理站，透過現地視導瞭解各項監理業務實際情形，及推動機車訓考政策方向。 The MOTC Minister, Li Meng-yen, (formerly) along with Director-General of the Department of Railways and Highways, Lin Fu-shan, and Highway Bureau Director-General, Chen Wen-juei, conducted an on-site inspection of the Shilin Station of the Taipei Motor Vehicles Office to assess actual supervisory operations and promote motorcycle training and testing policy direction.

8 Aug

8/2	行政院卓榮泰院長及交通部陳彥伯政務次長赴高雄地區視察凱米颱風明霸克露橋災損及復原情形，並指示明霸克露橋是部落的「希望之橋」，請公路局務必依規劃時程如期完成，為地方居民打造一條安全返家的道路。 The Premier, Cho Jung-tai and the MOTC Political Deputy Minister, Chen Yen-po inspected Typhoon Gaemi's damage and recovery progress at the Mingba-Kelu Bridge in Kaohsiung, calling it a "Bridge of Hope" for local indigenous communities. They instructed the Highway Bureau to adhere to the planned schedule to ensure the timely completion of a safe return route for local residents.
8/3	交通部李孟諺部長（時任）參加國道3號古坑交流道側車道工程動土祈福典禮。 The MOTC Minister, Li Meng-yen, (formerly) attended the groundbreaking and blessing ceremony for the side road construction project at the Gukeng Interchange on National Expressway No.3.
8/5	交通部陳彥伯政務次長赴花蓮地區視察台8線東段、台9蘇花公路0403地震及凱米颱風災後復建情形。 The MOTC Political Deputy Minister, Chen Yen-po conducted an inspection in Hualien to assess post-disaster reconstruction progress on Provincial Highway No.8 (Eastern Section) and Provincial Highway No.9 (Suhua Highway) following the April 3 Hualien Earthquake and Typhoon Gaemi.
8/8	公路局「智慧友善幸福公路」– 有效防治石虎路殺，榮獲台灣永續能源研究基金會（TAISE）舉辦2024亞太行動永續獎（銀級）暨台灣永續行動獎（金級）肯定。 The Highway Bureau's "Smart and Eco-Friendly Highway" initiative – aimed at effectively preventing leopard cat roadkill – won the Silver Award at the 2024 Asia-Pacific Sustainability Action Awards and the Gold Award at the Taiwan Sustainability Action Awards, both organized by the Taiwan Institute for Sustainable Energy (TAISE).
8/9	交通部伍勝園政務次長視察花蓮地區臺鐵公司及公路局震災後續復建工作。 The MOTC Deputy Minister, Wu Sheng-yuan inspected post-earthquake reconstruction efforts at the Taiwan Railways Corporation and the Highway Bureau facilities in Hualien.
8/13	交通部陳彥伯政務次長前往淡江大橋淡水端工地視察，並提醒施工團隊對先期作業項目（如斜索進場、工作吊車安檢、平臺船部署等）應加強時間點的協調及控管。 The MOTC Deputy Minister, Chen Yen-po visited the Tamsui-end construction site of the Danjiang Bridge, reminding the construction team to enhance coordination and control of the timelines for preparatory tasks, such as cable installation, crane safety inspections, and deployment of work platforms.

8 Aug

8/18

交通部李孟諺部長（時任）視察屏東墾丁台26線陸蟹試驗性生態廊道，為全國首座連續型陸蟹廊道，全長約500公尺。

The MOTC Minister, Li Meng-yen, (formerly) inspected the pilot land crab ecological corridor under Provincial Highway No.26 in Kenting, Pingtung County – the first continuous land crab corridor in Taiwan, spanning approximately 500 meters.

8/28

交通部陳彥伯代理部長偕同相關部會、縣市政府、民間企業、團體共同出席公路局舉辦之113年交通安全月啟動記者會，記者會首創由交通部、公路局與22縣市政府合作，發行聯名吉祥物LINE貼圖，透過日常用語結合交通安全宣導。

Acting MOTC Minister, Chen Yen-po, together with representatives from other ministries, local governments, private enterprises, and civic organizations, attended the 2024 Traffic Safety Month Launch Press Conference hosted by the Highway Bureau. The event featured a first-ever collaboration between the MOTC, the Highway Bureau, and all 22 cities and county governments to release co-branded LINE mascot stickers, using everyday language to promote traffic safety awareness.

9 Sep

9/6

公路局於全臺辦理交安月串聯活動，東部活動由臺北區監理所與花蓮縣政府、東區養護工程分局、蘇花公路改善工程處共同合作，在花蓮縣吉安鄉吉安國小活動中心辦理「全民響應交安月，停讓安全我最行」活動。

As part of the nationwide Traffic Safety Month campaign, the Highway Bureau held a joint event in eastern Taiwan organized by the Taipei Motor Vehicles Office, the Hualien County Government, the Eastern Region Branch Office, and the Suhua Highway Improvement Engineering Office. The event, titled "Traffic Safety Month for All – Yielding Is the Smartest Move," was held at the activity center of Ji'an Elementary School in Ji'an Township, Hualien County.

9/10～11

交通部陳世凱部長赴花蓮地區視察台9蘇花公路（鐵公路）及台8線中橫公路東段0403地震及凱米颱風災後復建情形，包括台9線鐵公路路段（北迴線崇德段k56+900【台9線164.5k】、北迴線西小清水溪【台9線161.3k匯德隧道北口】，聽取臺鐵公司及公路局簡報。

The MOTC Minister, Chen Shih-kai visited Hualien to inspect the post-disaster reconstruction progress on Provincial Highway No.9 (Suhua Highway) and the eastern section of Provincial Highway No.8 (Central Cross-Island Highway) following the April 3 earthquake and Typhoon Gaemi. The inspection covered the rail-road combined sections of Highway No.9, including the Beihui Line Chongde Segment (k56+900/Highway No.9 164.5k) and the Beihui Line West Xiaoqingshui Creek Bridge (Highway No.9 161.3k, near the north portal of Huidu Tunnel). Briefings were provided by Taiwan Railways Corporation and the Highway Bureau.

9 Sep

9/13

交通部陳彥伯政務次長出席公路局於高雄市區監理所舉行113年交通安全月–「大型車業者強化行車安全記者會」，偕同貨運三業、市區客運、遊覽車等業者一同宣誓，落實「轉彎暫停安全再行」的停讓行人運動。

The MOTC Deputy Minister, Chen Yen-po attended the "Driving Safety Enhancement for Large Vehicle Operators" press conference, hosted by the Highway Bureau at the Kaohsiung City Motor Vehicles Office as part of the 2024 Traffic Safety Month. Together with operators from the three freight transport industries, city bus, and tour bus carriers, he pledged to implement the pedestrian safety initiative "Pause Before Turning."

9/18～19

公路局於臺中市社區辦理113年交通安全月「交通舞安全」3場次活動，地點位於豐原區長青學苑、大雅區橫山社區活動中心、南屯區豐樂公園，將宣導寓教於樂社區化，將長輩常用道安知能，轉換為簡易口訣，搭配輕鬆律動及宣導小老師簡易講解，即時提醒長者日常出門注意安全之觀念。

The Highway Bureau organized three "Traffic Dance Safety" sessions in Taichung City communities during the 2024 Traffic Safety Month. Held at Fengyuan District Changqing Academy, Daya District Hengshan Community Activity Center, and Nantun District Fengle Park, the program combined education with entertainment. It transformed commonly used traffic safety knowledge for seniors into easy-to-remember rhymes, accompanied by simple dance moves and brief guidance from community instructors to reinforce everyday safety awareness.

9/23

交通部陳彥伯政務次長率員視察台20線南橫公路94k明霸克露橋113年7月凱米颱風災後復建進度及135k+800武雄橋復建完成通車情形。

The MOTC Deputy Minister, Chen Yen-po led a team to inspect post-Typhoon Gaemi reconstruction progress at the Mingba-Kelu Bridge 94k on Provincial Highway No.20 (South Cross-Island Highway), and reviewed the reopening of Wuxiong Bridge at 135k+800.

9/27

交通部陳彥伯政務次長偕同教育部林騰蛟常務次長出席由公路局臺北市區監理所與財團法人靖娟兒童安全文教基金會於臺北市新湖國小舉行之「守護兒少，交安教育向前行」記者會暨宣導活動，並共同宣誓交安教育需向下扎根，提升兒少族群風險感知的能力。

The MOTC Deputy Minister, Chen Yen-po and MOE Administrative Deputy Minister, Lin Teng-chiao attended the "Protecting Children and Youth: Advancing Traffic Safety Education" press conference and awareness event at Xihu Elementary School, Taipei City. Co-organized by the Taipei City Motor Vehicles Office and the Jing Chuan Child Safety Foundation, the event emphasized rooting traffic safety education at the grassroots level and enhancing children's ability to perceive and respond to risks.

9/28

行政院卓榮泰院長及交通部陳世凱部長赴花蓮地區視察台8線中橫公路及台9線蘇花公路0403地震及凱米颱風災損復原進度。

The Premier, Cho Jung-tai and the MOTC Minister, Chen Shih-kai inspected the reconstruction progress of Provincial Highway No.8 (Central Cross-Island Highway) and Provincial Highway No.9 (Suhua Highway) following the April 3 Hualien Earthquake and Typhoon Gaemi.

10 Oct

10/8

台9線316k+575～319k+820富里至富南段道路拓寬工程完工，本工程屬花東縱谷之重要交通幹道，完工後可提升道路安全及服務水準，並帶動地方觀光發展。

The road-widening project on the Fuli to Funan section (316k+575 ~ 319k+820) of Provincial Highway No.9 has been completed. As a key transport artery in the East Rift Valley, the project enhances road safety and service quality while promoting local tourism development.

10/15

交通部陳彥伯政務次長至公路局臺北市區監理所士林監理站視導臺北市市區公車及該所轄管客運與貨運辦理路口轉彎「慢、看、停」教育訓練。

The MOTC Deputy Minister, Chen Yen-po inspected the Shilin Station of the Taipei City Motor Vehicles Office to oversee the implementation of intersection turning training for intercity bus and freight operators under the "Slow, Look, Stop" traffic safety education initiative.

10/17

交通部陳世凱部長率公路局、地方政府與全國客運、遊覽車及貨運業者召開「全國客運、遊覽車及貨運業路口停讓安全作為及自律宣示記者會」。

The MOTC Minister, Chen Shih-kai, together with the Highway Bureau, local governments, and national operators of passenger, tour bus, and freight services, convened the "National Intercity Bus, Tourist Bus, and Freight Industry Intersection Safety and Self-Regulation Pledge Press Conference."

10/25

交通部陳彥伯政務次長視察淡江大橋，並勉勵施工團隊如期如質完成。

The MOTC Political Deputy Minister, Chen Yen-po inspected the Danjiang Bridge and encouraged the construction team to complete the project on schedule and with high quality.

10/25

台9丁線61.5k落石阻斷，交通部陳世凱部長視察公路局東區養護工程分局應變中心，關心公路局首度啟動蘇花改中仁隧道北上線單線雙向輪放疏導措施實施情形。

The MOTC Minister, Chen Shih-kai inspected the Emergency Response Center of the Highway Bureau's Eastern Region Branch Office following a rockfall that blocked the 61.5k of Provincial Highway No.9D. He reviewed the implementation of the first-ever single-lane bidirectional traffic diversion measures on the northbound lane of the Zhongren Tunnel under the Suhua Improvement Project, and expressed concern about the traffic management progress.

11 Nov

11/15

交通部陳世凱部長與陳彥伯政務次長出席由公路局承辦之113年度交通部金路獎頒獎典禮。

The MOTC Minister, Chen Shih-kai and the Political Deputy Minister, Chen Yen-po attended the 2024 MOTC Golden Way Awards ceremony organized by the Highway Bureau.

11 Nov

11/16	交通部陳世凱部長出席公路局雲嘉南區養護工程分局舉行之「台18線軍輝橋改建工程」通車典禮，新橋改建將橋長加長、跨徑加大、橋面加寬，完工後可提升橋梁安全並道路服務水準。 The MOTC Minister, Chen Shih-kai attended the opening ceremony of the Junhui Bridge Reconstruction Project on Provincial Highway No.18, held by the Yunlin-Chiayi-Tainan Region Branch Office of the Highway Bureau. The new bridge features extended length, increased span, and a wider deck, improving both bridge safety and roadway service quality upon completion.
11/20	交通部陳彥伯政務次長視察西濱快速公路曾文溪橋新建工程，肯定施工團隊因應凱米風災的應變處理能力。 The MOTC Political Deputy Minister, Chen Yen-po inspected the Zengwen River New Bridge Construction Project on the West Coast Expressway and commended the construction team for their effective response to Typhoon Gaemi.
11/24	行政院卓榮泰院長及交通部陳世凱部長參加台27甲線新威大橋延伸至國道10號里港交流道工程（六龜至美濃）動土祈福典禮，並勉勵施工團隊如期如質完成。 The Premier, Cho Jung-tai and the MOTC Minister, Chen Shih-kai attended the groundbreaking ceremony for the Project to Extend the Xinwei Bridge on Provincial Highway No.27A to the Ligang Interchange of National Expressway No.10 (Liugui to Meinong) and encouraged the construction team to complete the project on schedule and with the required quality.

12 Dec

12/2	公路局協辦交通部於臺中市區監理站辦理「停讓行人影片發表暨現場稽查記者會」，由交通部陳世凱部長主持，並於臺中市進化北路與北屯路口視導現場監警聯合稽查大客車停讓行人情形。 The Highway Bureau assisted the MOTC in holding the press conference on the "Pedestrian Yield Video Launch and On-Site Audit" at the Taichung Station. MOTC Minister, Chen Shih-kai presided over the event and later inspected the joint on-site audit by traffic police and the Motor Vehicles Office on whether large vehicles yielded to pedestrians at the intersection of Jinhua North Road and Beitun Road in Taichung.
12/11	公路局南區養護工程分局甲仙工務段，以「公路平安行　打造南橫永續，關懷在地需求服務再升級」為主題，參賽獲交通部服務獎；再經交通部推薦參賽榮獲行政院第7屆政府服務獎社會創新共融類獎項。 The Jiaxian Branch of the Southern Region Branch Office of the Highway Bureau won the MOTC Service Award with the program titled "Safe Highway Travel and Sustainability for the Southern Cross-Island Highway: Meeting Local Needs and Upgrading Services." The program was later nominated by the MOTC for the 7th Government Service Award by the Executive Yuan, where it received recognition in the Social Innovation and Inclusion category.

12 Dec

12/20

交通部林國顯常務次長視察「台15線及台4線配合桃園國際機場擴建辦理改線工程」，期勉工程如期如質完工，以提供桃園國際機場第三跑道興建空間，串聯國道1、2及台61線快速公路系統，完善區域路網。

The MOTC Administrative Deputy Minister, Lin Kuo-shian inspected the Project to Reroute Provincial Highways No.15 and No.4 in Coordination with the Expansion of Taoyuan International Airport, encouraging the construction team to complete the project on time and with high quality. The project aims to make room for the third runway and improve connectivity to National Expressways No.1 and No.2, and Provincial Highway No.61, enhancing the regional road network.

12/21

行政院卓榮泰院長率交通部陳世凱部長等視察「台9線蘇花公路安全提升計畫」，於現地聽取公路局陳文瑞局長簡報。

The Premier, Cho Jung-tai, accompanied by the MOTC Minister, Chen Shih-kai, inspected the Suhua Highway Safety Enhancement Project on Provincial Highway No.9, and received an on-site briefing from Highway Bureau Director-General, Chen Wen-juei.

12/24

交通部陳世凱部長主持「台64線銜接台61線南向匝道改善工程」通車典禮，通車後可提升台64線與台61線交會口系統匝道之完整性。

The MOTC Minister, Chen Shih-kai presided over the opening ceremony for the Improvement Project for the Southbound Ramp Connecting Provincial Highway No.64 to Provincial Highway No.61.

12/25

交通部陳世凱部長率公路局陳文瑞局長及相關人員出席「東勢豐原生活圈快速道路第一標公老坪山隧道段工程」動土祈福典禮。

The MOTC Minister, Chen Shih-kai, along with the Highway Bureau Director-General, Chen Wen-juei and other officials, attended the groundbreaking ceremony for the Gonglaoping Tunnel Segment of the Dongshi–Fengyuan Expressway (Phase 1).

12/31

公路局113年全面檢核省道路口，共完成2,978處路口改善（號誌化路口665處、非號誌化路口2,313處），主要改善重點包含：調整行穿線位置、增設行人庇護島、調整路口號誌時制、增加行人專用號誌、設置及改善左轉專用車道等，完成數超過原既定政策目標。

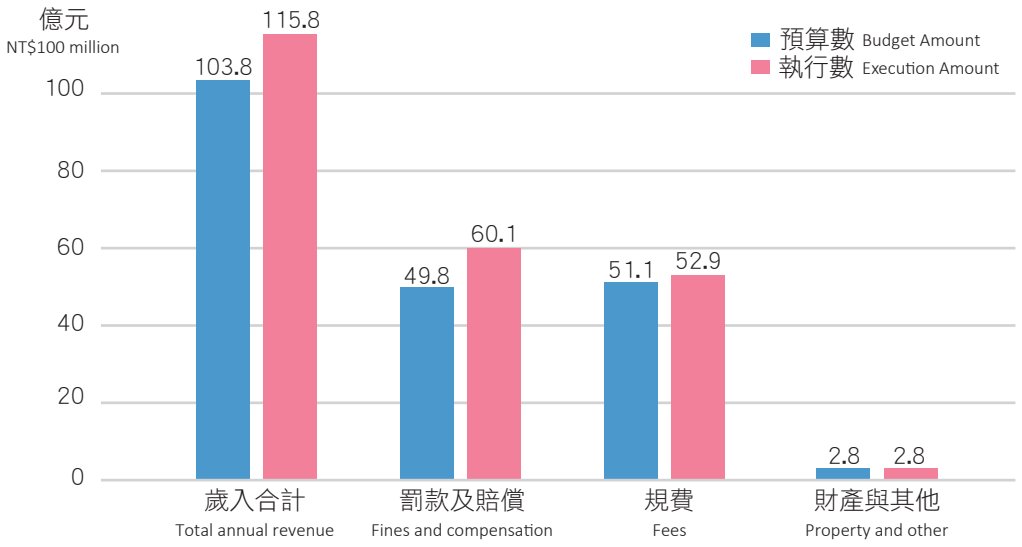
In 2024, the Highway Bureau completed a comprehensive inspection and improvement project for provincial highway intersections, covering 2,978 locations – 665 signalized intersections and 2,313 unsignalized ones. Key improvements included: crosswalk repositioning, installation of pedestrian refuge islands, signal timing adjustments, new pedestrian signals, and dedicated left-turn lanes. The total number of improved sites exceeded the original policy goals.

預算執行成果及展望 Budget Execution and Vision

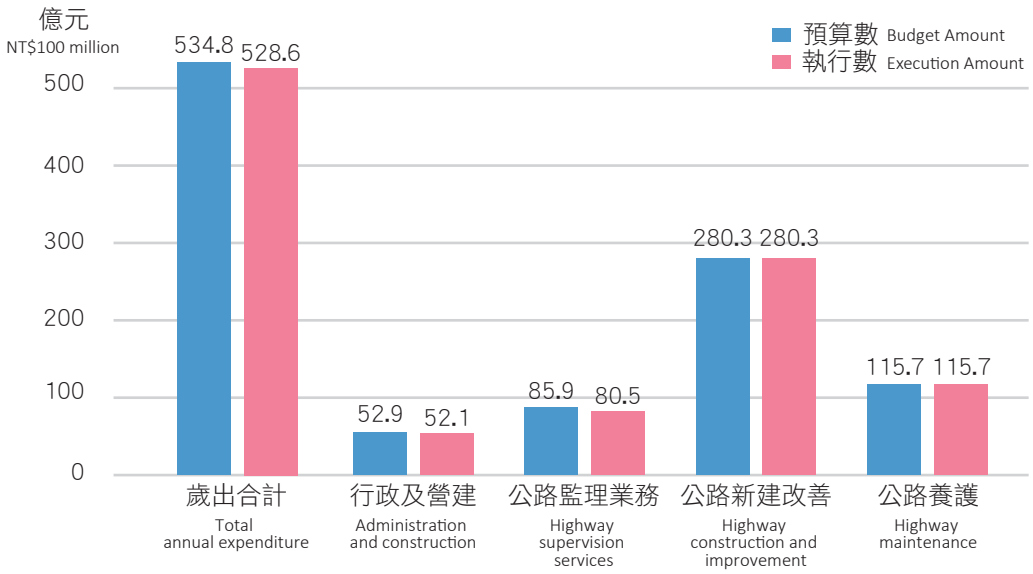
一、公務預算 Official Budget

113年度歲入預算103億7,666萬餘元，執行115億8,251萬餘元，執行率112%，超收12億584萬餘元（圖1）；歲出預算534億7,718萬餘元，執行528億5,523萬餘元，執行率99%，撙節8,575萬餘元，未完成數轉入下年度繼續執行（圖2）。

In 2024, the annual revenue budget was NT$10.37666 billion, with actual revenue exceeding NT$11.58251 billion, resulting in an execution rate of 112%, and an excess collection of NT$1.20584 billion (Figure 1).The annual expenditure budget was NT$53.47718 billion, with actual spending of more than NT$52.85523 billion executed, achieving an execution rate of 99%, and savings of more than NT$85.75 million. Unspent funds be carried forward to the following year for continued allocation. (Figure 2)



▶ 圖1 公務預算歲入執行情形
Figure 1 Execution of the Annual Official Budget Revenue



▶ 圖2 公務預算歲出執行情形
Figure 2 Execution of the Annual Official Budget Expenditure

114年度歲入預算105億2,122萬元，較上年度增加1億4,455萬餘元（圖3）；歲出預算656億7,330萬元，較上年度增加146億5,294萬餘元（圖4），持續發展智慧公路、精進監理服務與公共運輸品質、改善人行空間環境、優化防災減災及強化交通網連接等，為用路人打造有溫度的幸福公路及追求永續共榮的施政願景。

For 2025, the revenue budget is over NT$10.52122 billion, marking an increase of amount than NT$144.55 million from the previous year (Figure 3). The expenditure budget is set at over NT$65.6733 billion, which is more than NT$14.65294 billion higher than the prevous year (Figure 4).The Highway Bureau focuses on enhancing supervision services, improving public transportation quality, upgrading pedestrian environments, optimizing disaster prevention and mitigation measures, and strengthening traffic network connectivity. These efforts aim to create a safe and inclusive highway system for road users while pursuing a vision of sustainable prosperity.

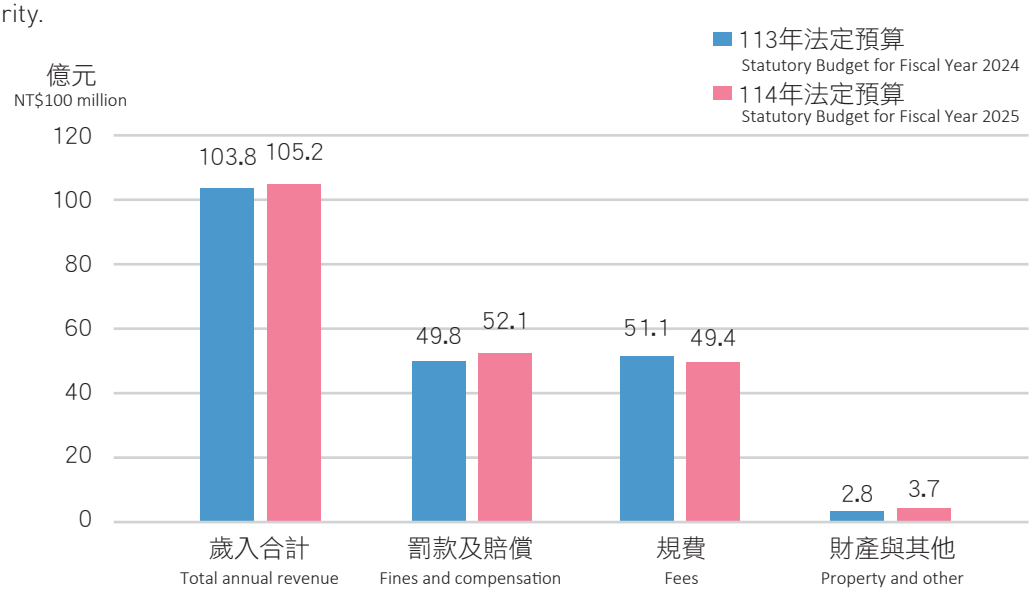


圖3 公務預算歲入預算增減情形
Figure 3 Variations in the Annual Official Budget Revenue

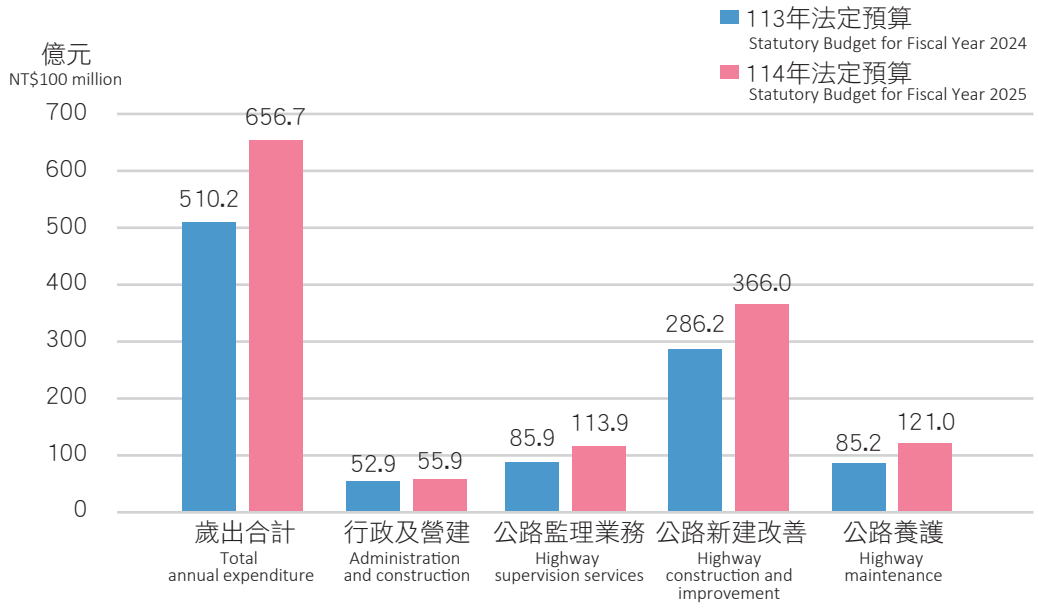


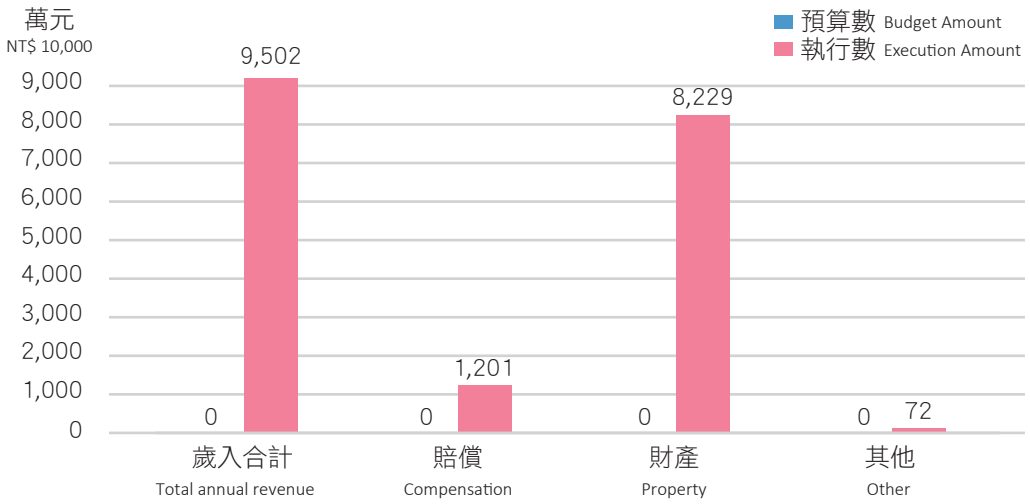
圖4 公務預算歲出預算增減情形
Figure 4 Variations in the Annual Official Budget Expenditure

註：114年度預算係以立法院所指定刪減項目及比率計算。
Note: The fiscal year 2025 budget is calculated based on the items and reduction rates specified by the Legislative Yuan.

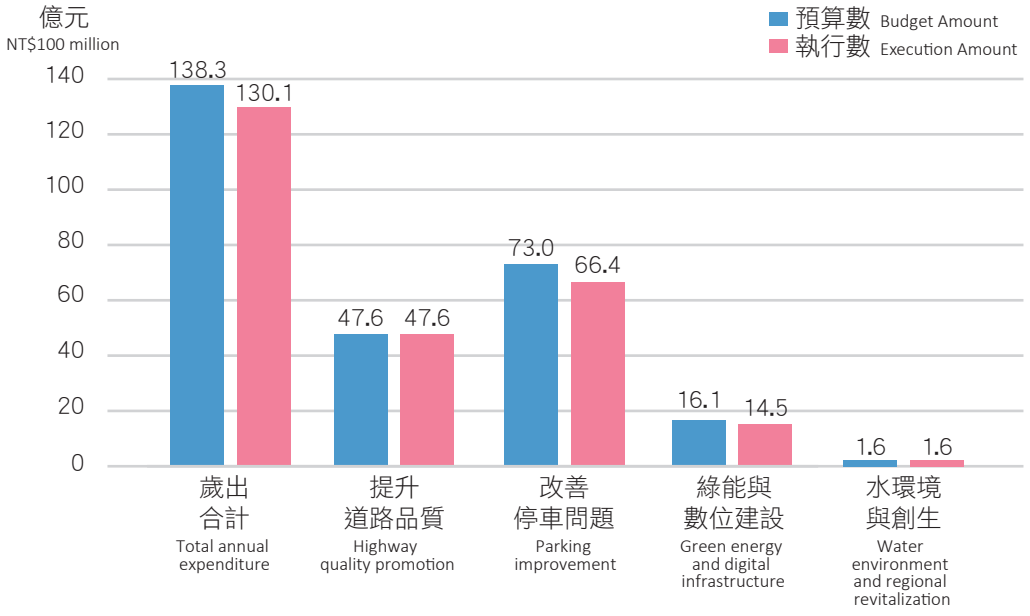
二、前瞻基礎建設計畫特別預算
Special Budget of Forward-Looking Infrastructure Plan

112~113年度第4期歲入執行9,502萬餘元（圖5）；歲出預算138億3,480萬元，執行130億1,393萬餘元，執行率94%，撙節4,006萬餘元，未完成數轉入下年度繼續執行（圖6）。

During Phase IV (2023–2024), the annual revenue implementation exceeded NT$95.02 million (Figure 5). The allocated expenditure budget was NT$13.8348 billion, with actual expenditures surpassing NT$13.01393 billion, achieving a rate of 94% and savings of more than NT$40.06 million. Unspent funds be carried forward to the following year for continued allocation (Figure 6).



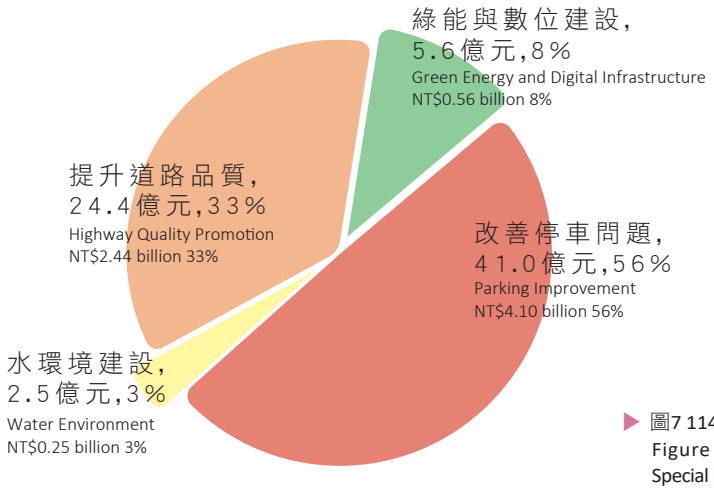
▶ 圖5 前瞻第4期特別預算歲入執行情形
Figure 5 Execution of the Forward-Looking Phase IV Special Budget Revenue



▶ 圖6 前瞻第4期特別預算歲出執行情形
Figure 6 Execution of the Forward-Looking Phase IV Special Budget Expenditure

114年度第5期歲出預算案73億5,870萬餘元（圖7），將延續均衡區域發展，強化偏鄉建設，持續推動停車問題改善、道路品質提升、數位綠能轉型等基礎建設，確保疫情過後，用路環境穩健發展，惟尚未完成法定程序。

For the 2025 Phase V, the allocated expenditure budget is set at NT$7.3587 billion (Figure 7). The plan is to continues promoting balanced regional development and strengthen infrastructure in rural areas, with ongoing investments in parking improvement, road quality enhancement, and digital and green energy transformation. However, the statutory approval procedures for the 2025 budget have not yet been completed.

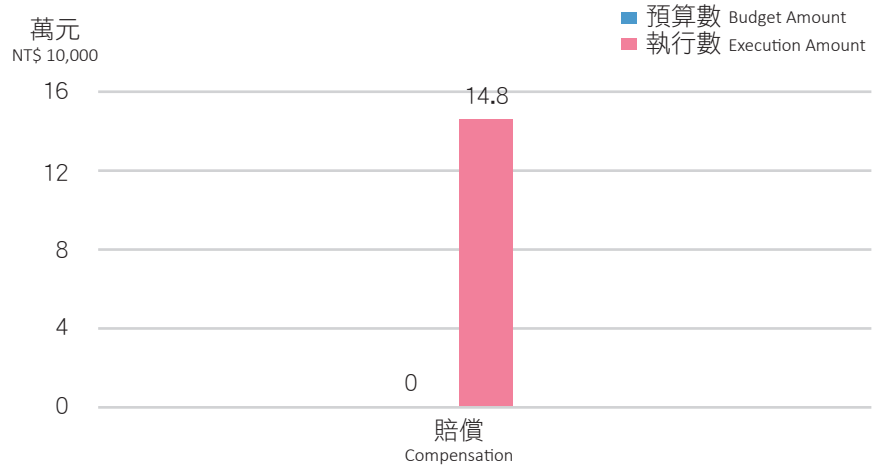


▶ 圖7 114年度前瞻第5期特別預算案歲出結構
Figure 7 Composition of the Forward-Looking Phase V Special Budget Expenditure

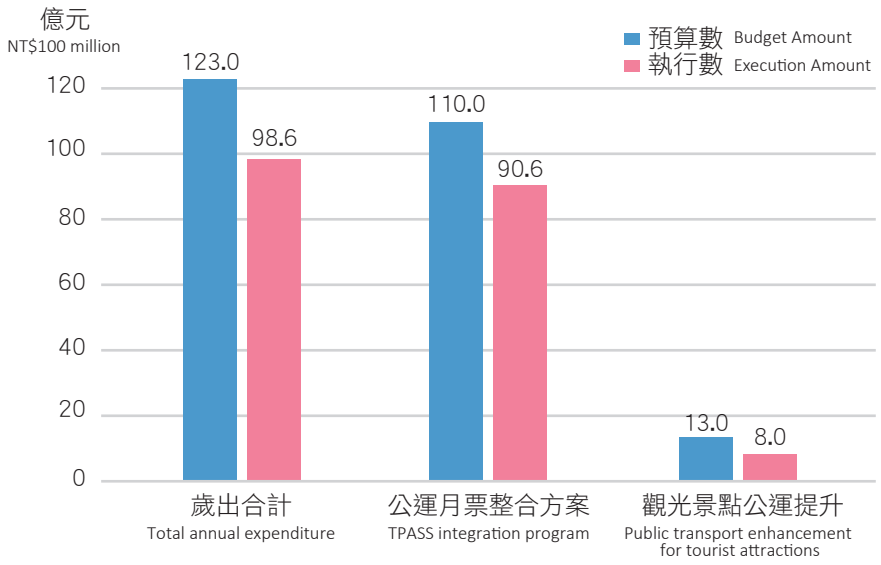
三、疫後強化經濟與社會韌性及全民共享經濟成果特別預算
Special Budget for Enhancing Post-pandemic Economic and Social Resilience and National Shared Prosperity

112~113年度歲入執行14萬餘元（圖8）；歲出預算123億元，執行98億6,087萬餘元，執行率80%，未完成數結轉至下年度繼續執行（圖9）。

In 2023–2024, the annual revenue implementation exceeded NT$140,000 (Figure 8). The allocated expenditure budget was NT$12.3 billion, with an actual expenditure of NT$9.86087 billion, achieving a 80% excecution rate. The uncompleted portion has been rolled over into the next year's budget for continuation (Figure 9).



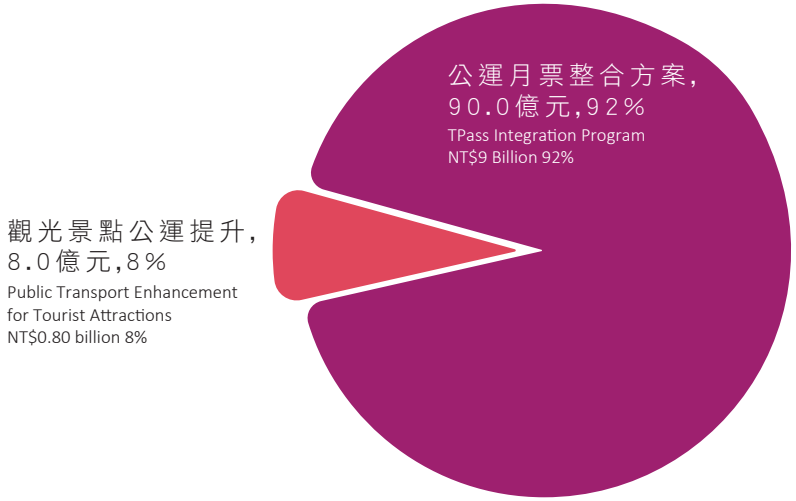
▶ 圖8 疫後特別預算歲入執行情形
Figure 8 Execution of the Post-pandemic Special Budget Revenue



▶ 圖9 疫後特別預算歲出執行情形
Figure 9 Execution of the Post-pandemic Special Budget Expenditure

114年度歲出預算98億元（圖10），持續補助地方政府推動因地制宜之公路公共運輸月票方案與觀光景點公共運輸提升，促進全國各地公共運輸發展，減輕民眾負擔，打造韌性經濟與社會，保障民眾生活品質。

For 2025, the allocated expenditure budget is set at NT$9.8 billion (Figure 10). The focus is on continuing subsidies for local governments in implementing adaptable monthly public transportation pass schemes and improving public transportation services at tourist destinations. These initiatives aim to advance public transportation development nationwide, alleviate financial burdens on citizens, foster a resilient economy and society, and ensure the quality of life for all residents.



▶ 圖10 114年度疫後特別預算歲出結構
Figure 10 2025 Post-pandemic Special Budget Expenditure Composition

交通部公路局113年年報

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