



# 臺灣行 公路情

The Roads of Taiwan

公路建設成果專輯

An Anthology of Highway Construction

交通部公路總局  
95年8月  
Directorate General of Highways, MOTC  
August, 2006

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# 序

海角山陬，幽谷潺溪，婆娑之洋，美麗之島，臺灣是上天賜予我們最美之福地。在中央山脈高聳嶙峋與太平洋碧藍波濤映照下，流奶與蜜之美麗島嶼像母親般，孕育出大地無數生命。公路宛如條條銀帶，串起大地無限生機，橋梁彷彿堅實手臂，將夢想與實現緊密攀搭。

六十年來，從東北角到南迴、西濱到東海岸，我公路無名英雄披星戴月，前仆後繼，在山之顛、海之僻，在亂石雲煙、山海交界處默默奉獻。耳邊依稀響起當年駐臺福建巡撫王凱泰吟唱：「灑波瀾外海雲封，踏遍花蓮亂石蹤，鳥道羊腸今已鑿，且銷金甲試春農」，眼前彷彿見到無數公路弟兄筭路藍縷，以啓山林，他們把青春交給臺灣，用汗水寫下歷史，共同以生命譜出輪舞曲，描繪著動人山海對話，勾勒出未來臺灣美麗新願景。

今日，欣逢公路一甲子，在享受臺灣綿密便捷、景觀優美之環島路網同時，別忘了每一公路、橋梁，他們所融入的智慧與汗水。在此，謹以本專輯將他們數十年來的努力與成果呈現國人面前，並以感恩之心，向所有公路弟兄獻上誠摯敬意！

交通部公路總局 局長

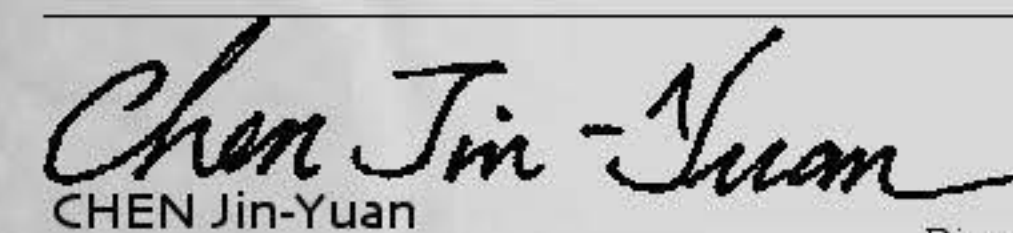


# Foreword

With its snow topped peaks and secluded bays, hidden valleys and open seas, Taiwan lives up to its reputation as the "beautiful island" and is bestowed the heavens' gift to the Taiwanese people. Anchored by the steep mountains of the Central Range and surrounded by the blue waters of the Pacific, this island flowing with milk and honey has been likened a mother to all the endless varieties of life that it has nurtured. Like bands of silver, the highways have linked together the endless potential of this land while the bridges have become strong arms that reach out to dreams and that make them come true.

For the past sixty years, there are countless unsung heroes have worked day and night, our incessant constructing from the North-East Coast to the South-Link Line and from the Western Coast to the Eastern Shores. Be it mountainous heights or wave-lapped beaches, there amongst the boulders and clouds or where the mountains meet the seas they've quietly done their duty. Even today the words recited by the Fujian Viceroy Wang Kai-Tai when stationed in Taiwan echoes in our ears: "Thick clouds bar the place where is beyond Sihpolan, the boulders of Hualien have been crossed. A narrow trail has finally been opened, it's time to shed our armor and begin farming in spring", as if once again countless constructors were hard at work before our eyes opening up the wilderness. These constructors dedicated their youth to Taiwan, writing their history through their labor. Together, they used their lives to compose a rondo that describes the touching communion between Man and Nature, writing the score that will depict a new and beautiful future for Taiwan.

Today marks the sixtieth anniversary of the highways. As you enjoy Taiwan's comprehensive and convenient road network while enjoying the scenery all around the island, don't forget to think about all the effort and wisdom that went into every road and constructors. In this anthology, we present to you the results of decades of dedication by the road constructors, and it is with gratitude in our hearts that we present our most sincere respects to our highway confreres!



CHEN Jin-Yuan

Director General  
Directorate General of Highways, MOTC

# 公路建設

## HIGHWAY CONSTRUCTION



### (一) 穿梭東西 連接山海—西部走廊東西向快速公路

1. 觀音桃科展新象 大溪小鎮探幽情
2. 南寮漁港迎貴客 竹東山城綻芬芳
3. 後龍夕照映餘暉 汶水馳名溫泉鄉
4. 漢寶溼地國之寶 草屯民俗工藝精
5. 臺西海園好去處 古坑咖啡正飄香
6. 東石鯨鼓賞野鳥 嘉義蘭潭生態豐
7. 北門鹽田似雪國 玉井芒果冠臺灣
8. 高雄愛河美如畫 潮州蓮霧黑珍珠



### (二) 貫通南北 擁抱海洋—西部濱海快速公路

1. 北部風情 (臺北—新竹)
2. 中部風情 (苗栗—雲林)
3. 南部風情 (嘉義—屏東)



### (三) 穿山越江 行腳千里—重要公路、橋梁、隧道

1. 北部地區 (臺北、桃園、新竹、苗栗)
2. 中部地區 (臺中、彰化、雲林、南投)
3. 南部地區 (嘉義、臺南、高雄、屏東、澎湖)
4. 東部地區 (宜蘭、花蓮、臺東)

## Part 1

### FROM THE EAST TO THE WEST, CONNECTING MOUNTAINS TO SEA The East-West Expressways on the Western Corridor

1. See a new world at the Guanyin Taoyuan Science Park, explore the small town charm of Dashi
2. Be welcome guests at Nanliao fishing harbor, the scent of blossoms wreathes the Jhudong hills
3. Bask in the sunset at Houlong, relax in the famous hot springs of Wunshuei
4. Find a national treasure in the wetlands of Hanbao, handicrafts at Caotun renowned far and wide
5. A great place to visit is the Taisi coast, smell the fragrance of coffee at Gukeng
6. Go birds watching at Dongshih Aogu, experience the rich ecology of Lantan in Chiayi
7. A winter paradise at the salt pans of Beimen, taste Taiwan's best mangoes at Yujing
8. Cruise the picturesque Love River in Kaohsiung, feast on the Black Pearl wax apples of Chaozhou

## Part 2

### EMBRACE THE SEA FROM NORTH TO SOUTH Western Coastal Expressway

1. Northern Scenery (Taipei - Hsinchu)
2. Central Scenery (Miaoli - Yunlin)
3. Southern Scenery (Chiayi - Pingtung)

## Part 3

### AN ALL OVER THE MOUNTAINS AND ACROSS THE RIVERS JOURNEY Major Roads, Bridges and Tunnels

1. Northern Region (Taipei, Taoyuan, Hsinchu, Miaoli)
2. Central Region (Taichung, Changhua, Yunlin, Nantou)
3. Southern Region (Chiayi, Tainan, Kaohsiung, Pingtung, Penghu)
4. Eastern Region (Yilan, Hualien, Taitung)

## HIGHWAY CONSTRUCTION

穿梭東西 連接山海 *From the east to the west, connecting mountains to sea*

## 觀音桃科展新象

## 大溪小鎮探幽情

SEE A NEW WORLD AT THE GUANYIN TAOYUAN SCIENCE PARK,  
EXPLORE THE SMALL TOWN CHARM OF DASHI

觀音大溪線（臺66線）本路線西起西濱快速公路觀音鄉大潭，向東至國道3號高速公路大溪交流道聯絡道止，全長27.2公里。其中與國道1號高速公路65K銜接之系統交流道，交流道型式採用苜蓿葉型為主要特色，主線跨國道1號高速公路部分為三跨連續全長200M之鋼構箱型梁橋，施工難度極高，全線已於92年10月底完成通車。

The Guanyin-Dashi Route (Taiwan Provincial Highway No.66) originates in the west from the Western Coastal Expressway at Datan, Guanyin. From there, it goes east until it reaches the National Freeway No.3 Dashi Interchange. It has a total length of 27.2Km. Its main feature is the cloverleaf shaped interchange connection with the National Freeway No.1 at 65Km. Where the main route crosses over the National Freeway No.1 it is composed of a steel box girder bridge with 3 spans for a total length of 200M, an extremely difficult feat of engineering. This route was completed and opened to traffic at the end of October 2003.

平鎮系統交流道（國道1/臺66）

Pingjhen Interchange System (National Freeway No.1 / Taiwan Provincial Highway No.66)





10 平鎮系統交流道（國道1/臺66）夜景 Pingjhen Interchange System (National Freeway No.1 / Taiwan Provincial Highway No.66)



平鎮系統交流道（國道1/臺66） Pingjhen Interchange System (National Freeway No.1 / Taiwan Provincial Highway No.66)



12 臺66線1.5K Taiwan Provincial Highway No.66 1.5K



13 臺66線與113甲線交流道 Taiwan Provincial Highway No.66 Interchange with County Highway 113A



平鎮系統交流道鋼構箱型梁橋  
Pingjhen Interchange System Steel Box Girder Bridge

## HIGHWAY CONSTRUCTION

穿梭東西 連接山海 From the east to the west, connecting mountains to sea

南寮漁港迎貴客  
竹東山城綻芬芳BE WELCOME GUESTS AT NANLIAO FISHING HARBOR,  
THE SCENT OF BLOSSOMS WREATHES THE JHUDONG HILLS

南寮竹東線（臺68線）本路線為科學園區、工研院等研究機構相繼設置快速發展的新竹生活圈主要動線，西起西濱快速公路頭前溪入海口之南寮，沿頭前溪南岸東行至竹東鎮臺3線竹東大橋止，主線長19.8公里，另含竹東聯絡道4.5公里（樁號已併入主線）及芎林支線1.8公里，全線已於91年12月底完工通車。

The main route of the Nanliao-Jhudong Route (Taiwan Provincial Highway No.68) is the main transportation artery for the fast-growing Hsinchu area that has seen rapid development since the establishment of the Science Park and the Industrial Technology Research Institute. The route originates from the Western Coastal Expressway at the Toucian River mouth near Nanliao then runs east following the south bank of Toucian River until it reaches the Jhudong Bridge at Jhudong Township on Taiwan Provincial Highway No.3. The main road is 19.8Km long, with Jhudong Access of 4.5km (pile number has been merged into main road) and 1.8Km long Cyonglin branch road. This route was completed and opened to traffic at the end of December 2002.

臺68線20.3K竹林大橋旁 Taiwan Provincial Highway No.68 20.3K, beside Jhulin Bridge







臺68線19K Taiwan Provincial Highway No.68 19K



臺68線22.5K Taiwan Provincial Highway No.68 22.5K



臺68線13.5K Taiwan Provincial Highway No.68 13.5K



臺68線17K Taiwan Provincial Highway No.68 17K



18 臺68線跨越123線竹林大橋 Taiwan Provincial Highway No.68 to overpass the County Highway No.123 Cross Zhulin Bridge



臺68線5K Taiwan Provincial Highway No. 68 5K



國道3號遠眺臺68線 Taiwan Provincial Highway No.68 viewed from National Freeway No.3

## HIGHWAY CONSTRUCTION

穿梭東西 連接山海 *From the east to the west, connecting mountains to sea*

## 後龍夕照映餘暉

## 汶水馳名溫泉鄉

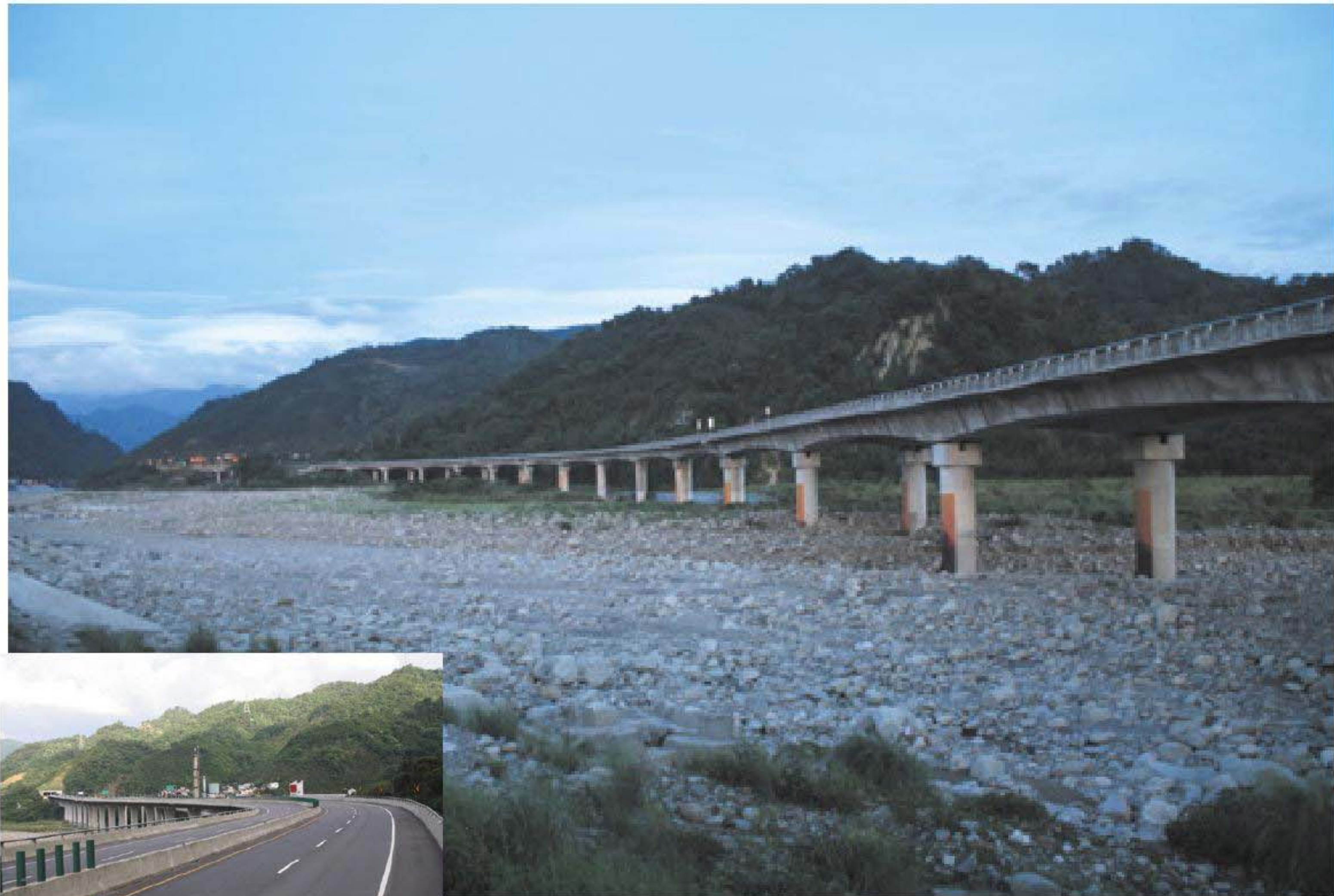
**BASK IN THE SUNSET AT HOULONG,  
RELAX IN THE FAMOUS HOT SPRINGS OF WUNSHUEI**

後龍汶水線（臺72線）本路線西自苗栗縣後龍鎮水尾、西濱快速公路起，沿後龍溪北岸與堤防共構，跨過山線鐵路及國道1號高速公路，再跨越後龍溪接臺3線汶水外環線新汶水橋頭止，全長30.79公里。採用懸臂及預鑄支撐版工法，除水尾至後龍段路線外，其餘路段於94年1月完工通車。

The Houlong-Wunshuei Route (Taiwan Provincial Highway No.72) originates in the west at the Shueiwei in Houlong Township, Miaoli County, on the Western Coastal Expressway. It follows the Houlong River north as part of the levee structure then crosses the Mountain Railway Line and National Freeway No.1. From there it finally crosses the Houlong River to link up with Taiwan Provincial Highway No.3 Wunshuei Outer Ring Route at the New Wunshuei Bridge. The route has a total length of 30.79Km. The route was built using suspension struts and pre-cast support panels. Apart from the Shueiwei to Houlong section, all other sections were completed and opened to traffic in January 2005.

臺72線26K Taiwan Provincial Highway No.72 26K





出礦坑路段 The Chukuangkeng Section



汶水隧道 Wunshuei Tunnel



臺72線 8K Taiwan Provincial Highway No.72 8K



臺72線 27K Taiwan Provincial Highway No.72 27K



臺72線 8K向東眺望 Taiwan Provincial Highway No.72 8K



28 汶水橋 Wunshuei Bridge



臺72線25K Taiwan Provincial Highway No.72 25K

## HIGHWAY CONSTRUCTION

穿梭東西 連接山海 *From the east to the west, connecting mountains to sea*

## 漢寶溼地國之寶

## 草屯民俗工藝精

**FIND A NATIONAL TREASURE IN THE WETLANDS OF HANBAO,  
HANDICRAFTS AT CAOTUN RENOWNED FAR AND WIDE**

漢寶草屯線（臺76線）本路線西起西濱快速公路彰化縣芳苑鄉下漢寶，東行沿員林大排兩側採高架橋，自林厝段後再開鑿隧道穿越八卦山，採斜張橋跨越貓羅溪迄南投縣草屯銜接國道3號高速公路。其中八卦山隧道為國內第一座長隧道，長約5公里，隧道東口銜接南投境內之斜張橋亦為國內首座鋼拱塔斜張橋，現已為當地宏偉的新地標，已於94年4月完工通車。

The Hanbao-Caotun Route (Taiwan Provincial Highway No.76) originates in the west from the Western Coastal Expressway at Siahnbao, in Fangyuan Township, Changhua County. From there it heads eastwards with elevated roadways along the Yuanlin Dapai river way, then at the Lincuo Section tunnels through Baguashan. A cable-stayed bridge is used to cross the Maoluo River, then it continues until it meets with the National Freeway No.3 at Caotun in Nantou County. The Baguashan Tunnel is the first long-distance tunnel in Taiwan. It is approximately 5Km in length and that is linked the eastern port of the tunnel access to the cable-stayed bridge in Nantou is also the first steel arch cable-stayed bridge in Taiwan. The bridge has since become a major local landmark since it was completed and opened to traffic in April 2005.







32 埔鹽系統交流道 (國道1/臺76)  
Puyan System Interchange (National Freeway No. 1 / Taiwan Provincial Highway No. 76)



臺76線16K Taiwan Provincial Highway No. 76 16K

臺76線23K Taiwan Provincial Highway No. 76 23K

臺76線17K Taiwan Provincial Highway No. 76 17K





埔鹽系統交流道 Puyan Interchange System

臺76線18K Taiwan Provincial Highway No.76 18K



臺76線15.2K Taiwan Provincial Highway No.76 15.2K



臺76線八卦山隧道 Taiwan Provincial Highway No.76 Baguashan Tunnel



臺76線八卦山隧道人行橫坑  
Taiwan Provincial Highway No.76  
Baguashan Tunnel Personnel Cross-Passage



八卦山隧道行控中心機房  
Baguashan Tunnel Operation Control  
Center equipment room





## HIGHWAY CONSTRUCTION

穿梭東西 連接山海 *From the east to the west, connecting mountains to sea*

## 臺西海園好去處

## 古坑咖啡正飄香

**A GREAT PLACE TO VISIT IS THE TAISI COAST,  
SMELL THE FRAGRANCE OF COFFEE AT GUKENG**

臺西古坑線（臺78線）本路線為因應雲林離島基礎工業區發展之快速公路，全線規劃為六車道，沿線於西濱快速公路、153線、臺19線（新闢外環線）、145線、國道1號高速公路、臺1線、臺3線、國道3號高速公路等8處設置一般或系統交流道，以推進工法施工橫跨寬闊之崙子溪及銜接國道1號之系統交流道，採全苜蓿葉型設計為其特色，全線於95年1月4日完工通車。

The Taisi-Gukeng Route (Taiwan Provincial Highway No.78) was developed as an expressway to support the development of the Yunlin offshore basic industry zone. The route is designed as a 6-lane highway with 8 normal or system interchanges to the Western Coastal Expressway, County Highway No. 153, Taiwan Provincial Highway No.19 (new outer ring road), County Highway No. 145, the National Freeway No. 1, Taiwan Provincial Highway No.1, Taiwan Provincial Highway No.3, the National Freeway No.3 along the route. The main features of this route are the use of progressive construction to span the width of the Lunzih River as well as the complete cloverleaf design used for its system interchange with the National Freeway. The entire route was completed and opened to traffic on January 4, 2006.

雲林系統交流道（國道1/臺78）

Yunlin Interchange System (National Freeway No.1 / Taiwan Provincial Highway No.78)





40 臺78線與臺3線交流道 Interchange of Taiwan Provincial Highway No.78 with Taiwan Provincial Highway No.3



土庫虎尾交流道 (臺78線/145線) Tuku Huwei Interchange (Taiwan Provincial Highway No.78 / County Highway No.145)

臺78線3K Taiwan Provincial Highway No.78 3K





42 臺78線4.1K Taiwan Provincial Highway No. 78 4.1K



臺78線4.7K Taiwan Provincial Highway No. 78 4.7K



44 臺78線22K Taiwan Provincial Highway No. 78 22K



臺78線與153線交流道 An interchange of Taiwan Provincial Highway No. 78 and County Highway No. 153

## HIGHWAY CONSTRUCTION

穿梭東西 連接山海 *From the east to the west, connecting mountains to sea*

## 東石鰲鼓賞野鳥

## 嘉義蘭潭生態豐

GO BIRDS WATCHING AT DONGSHIH AOGU,  
EXPERIENCE THE RICH ECOLOGY OF LANTAN IN CHIAYI

東石嘉義線（臺82線）本路線為嘉義縣之東西向主要運輸走廊，西起東石東行與西濱快速公路相交後，再經朴子市、太保市、鹿草鄉、水上鄉、中埔鄉，至南部國道3號高速公路止；可紓解嘉義縣治及日後太保新市鎮、高速鐵路太保站等車流，並將東石地區濱海遊樂區、蘭潭水庫、仁義潭水庫及阿里山風景連成一完整之遊憩區，對促進嘉義縣之繁榮有極大之助益；全長34.7公里，於90年11月完工通車。

The Dongshih-Chiayi Route (Taiwan Provincial Highway No 82) is the main east-west transportation corridor for Chiayi County. It originates in the west at Dongsing in Dongshih then crosses the Western Coastal Expressway before passing through Pozih City, Taibao City, Lucao Township, Shueishang Township and Zhongpu Township until it reaches the 2nd Southern Freeway (National Freeway No.3). It is designed to alleviate the traffic in Chiayi County as well as that associated with the future New Taibao City development and the High Speed Rail Taibao Station. It also links the Dongshih region's beach theme parks, the Lantan Reservoir, the Renyitan Reservoir and Alishan Scenic Area to form a complete recreational zone. These will all help to enhance the prosperity of Chiayi County. The total length of the route is 34.7Km and it was opened to traffic in November 2001.

嘉義系統交流道（國道1/臺82）

Chiayi Interchange System (National Freeway No.1 / Taiwan Provincial Highway No.82)







48 水上系統交流道 (國道3/臺82) Shueishang Interchange System (National Freeway No.3 / Taiwan Provincial Highway No.82)



水上系統交流道 Shueishang Interchange System



50 臺82線33.5K Taiwan Provincial Highway No.82 33.5K



臺82線22K Taiwan Provincial Highway No.82 22K

## HIGHWAY CONSTRUCTION

穿梭東西 連接山海 From the east to the west, connecting mountains to sea

北門鹽田似雪國  
玉井芒果冠臺灣A WINTER PARADISE AT THE SALT PANS OF BEIMEN,  
TASTE TAIWAN'S BEST MANGOES AT YUJING

北門玉井線（臺84線）本路線西起於北門之西濱快速公路段，東經學甲、國道1號高速公路、下營、麻豆、官田、臺1線、國道3號高速公路大內至玉井與臺20線銜接為止，全長約41.78公里，沿線風光秀麗，大多為漁塢、水稻田、蔗田、果園，視覺景觀純樸自然，屬於鄉村景觀，全長共332公尺的走馬瀨隧道工程係本路線最大之特色，採用目前國內已普遍使用之新奧工法（NATM）施工，臺1線至玉井路段已於87年7月完工通車。

The Beimen-Yujing Route (Taiwan Provincial Highway No.84) originates in the west from the Beimen section of the Western Coastal Expressway. It heads eastwards passing through Syuejia, the National Freeway No.1, Siaying, Madou, Guantian, and crossing Taiwan Provincial Highway No.1. Second Freeway's Danei and Yujing sections until it meets up with Taiwan Provincial Highway No.20. It has a total length of 41.78Km and boasts picturesque scenery along the way consisting of fish farms, rice paddies, sugarcane fields and fruit orchards, offering a look at unspoiled rural landscapes. The main feature of this route is the 332M long Zoumalai Tunnel that was built using the New Australian Tunneling Method (NATM) now in widespread use domestically, the Taiwan Provincial Highway No.1 to Yujing section was completed and opened to traffic in July 1998.



臺84線32K Taiwan Provincial Highway No.84 32K





54 臺84線走馬瀨隧道 Taiwan Provincial Highway No.84 Zoumalai Tunnel



臺84線32~37.3K Taiwan Provincial Highway No.84 32~37.3K



臺84線29.3K Taiwan Provincial Highway No.84 29.3K



臺84線37K Taiwan Provincial Highway No.84 37K



臺84線30K Taiwan Provincial Highway No.84 30K



臺84線35K Taiwan Provincial Highway No.84 35K

## HIGHWAY CONSTRUCTION

穿梭東西 連接山海 *From the east to the west, connecting mountains to sea*高雄愛河美如畫  
潮州蓮霧黑珍珠CRUISE THE PICTURESQUE LOVE RIVER IN KAOHSIUNG,  
FEAST ON THE BLACK PEARL WAX APPLES OF CHAOJHOU

高雄潮州線（臺88線）本路線西起於高雄縣鳳山市國道1號高速公路五甲系統交流道，經大寮進入屏東萬丹，在竹田鄉和國道3號高速公路連貫，全長20.5公里，橫跨高屏溪，促進高屏兩縣廣大地區均衡發展，並將國道1號與國道3號高速公路連成一體，便捷高雄往屏東至臺東之交通，自83年6月陸續發包施工，已於93年1月完工通車。



The Kaohsiung-Chaozhou Route (Taiwan Provincial Highway No.88) originates in the west from the Wujia System Interchange on the National Freeway No. 1 in Fongshan City, Kaohsiung County. It passes through Daliao to enter Pingtung at Wandan, then merges with the National Freeway No.3 at Jhutien Township. The construction of this 20.5km long route that is spanned the kaoping River and to impel the both sides balance development of Kaohsiung County and Pingtung County, as well as linking the National Freeway No.1 and Second Freeway to facilitate travel between Kaohsiung, Pingtung and Taitung. Work began in June 1994, with the entire route completed and opened to traffic in January 2004.

竹田系統交流道（國道3/臺88）

Jhutien Interchange System (National Freeway No.3 / Taiwan Provincial Highway No.88)





臺88線 0.9K Taiwan Provincial Highway No.88 0.9K



臺88線 16K Taiwan Provincial Highway No.88 16K



臺88線 15K Taiwan Provincial Highway No.88 15K



臺88線 0.5K五甲系統交流道 Taiwan Provincial Highway No.88 0.5K Wujia Interchange System



臺88線20.5K竹田交流道 (國道3/臺88) Taiwan Provincial Highway No.88 Jhutien Interchange System (National Freeway No.3 / Taiwan Provincial Highway No.88) at 20.5K



## HIGHWAY CONSTRUCTION

貫通南北 擁抱海洋 *Embrace the sea from north to south*

## 北部風情 (臺北—新竹)

**Northern Scenery** (Taipei - Hsinchu)

西部濱海快速公路關渡—香山段，長約92.7公里，其中林口高架橋為考慮地下管線眾多暨鹽蝕與潮濕，採用單墩長跨徑之I型熱浸鍍鋅鋼橋，及為考慮自然採光、通風、減低壓迫感，採用雙孔雙向棚架式RC設計之鳳鼻隧道皆為國內罕見之特殊設計，本路線沿途附近景點，計有臺電大園觀音地區發電風車、蘆竹休憩區、竹圍和永安漁港等。除新竹外環道部分緩辦外，本路段預計95年底完工通車。

The Guandu-Siangshan route is approximately 92.7km in length. The Linkou Viaduct was built to a single pier long span I shaped hot-dipped galvanized steel bridge design after taking into consideration the density of underline piping, salt corrosion and dampness. The Fongbi Tunnel in turn used a dual bore, dual direction scaffold RC design for better natural

lighting, ventilation and openness. These two features are all special designs rarely seen in Taiwan. Scenic locations along the route include the Dayuan/Guayin Taipower windmill power generators, the Lujhu Rest Stop as well as the Jhuwei and Yongan fishing harbors etc. Apart from the construction of Hsinchu outer ring road being pushed back, this route is scheduled for completion at the end of 2006.





66 鳳鼻隧道 Fongbi Tunnel



臺61線24K Taiwan Provincial Highway No.61 24K



68 臺61線45K Taiwan Provincial Highway No.61 45K



關渡大橋夜景 The Guandu Bridge at Night

## HIGHWAY CONSTRUCTION

貫通南北 擁抱海洋 *Embrace the sea from north to south*

## 中部風情 (苗栗—雲林)

**Central Scenery (Miaoli - Yunlin)**

西部濱海快速公路香山—麥寮段，北起香山竹苗縣界，迄彰化西濱大橋止，行經苗栗、臺中、彰化三縣，共計129.3公里，可充分紓解國道1號高速公路龐大之車流，並提供國人觀光旅遊的新路線，沿途附近景點，計有通霄海水浴場、高美濕地、臺中港區、鹿港小鎮及王功漁港，且與臺中港未來發展相配合，而香山交流道至白沙屯路段為國內最早通車路段之快速公路，本路段共有鋼構橋16座全長2,703公尺，由大甲橋至中彰大橋路段，全線高架長達19.66公里，至為便捷，本路段預定於95年底完工通車。

The Siangshan-Mailiao Route originates in the north at Siangshan on the border between Hsinchu and Miaoli then ends at the Sibin Bridge in Changhua. On the way it passes through the counties of Miaoli, Taichung and Changhua, covering a distance of 129.3km. This route effectively alleviates the immense traffic volumes on the National Freeway No.1, providing the Taiwanese people with a new tourism route. Travel destinations along the way including the Tung Hsiao Bathing Beach, Kaomei Wetlands, Taichung Port area, Lukang Town and Wangkong

Fishing Harbor. The route will also play an important role in the future development of Taichung Port. The section from the Siangshan Interchange until Baisatun was one of the earliest expressways to be opened in Taiwan. This route includes 16 steel bridges with a total length of 2,703m, and that is from Dajia Bridge to Jhongchang Bridge involves 19.66km of elevated roadways, ensuring speedy travel. This route is scheduled for completion opening traffic at the end of 2006.



臺61線與臺中港特三號道路交接處  
An intersection of Taiwan Provincial Highway No.61 and Taichung Port Special Highway No.3





72 臺61線崙尾灣橋 Kuenwei Bay Bridge on Taiwan Provincial Highway No.61



臺61線崙尾灣橋 Kuenwei Bay Bridge on Taiwan Provincial Highway No.61



臺61線後龍溪橋 Houlong River Bridge on Taiwan Provincial Highway No.61



臺61線與員林大排兩側道路銜接處  
Taiwan Provincial Highway No.61 connect to alongside road of Yuan Lin big drain

## HIGHWAY CONSTRUCTION

貫通南北 擁抱海洋 *Embrace the sea from north to south*

## 南部風情 (嘉義—屏東)

**Southern Scenery (Chiayi - Pingtung)**

西部濱海快速公路麥寮—喜樹段，北起西濱大橋南至臺南縣七股鄉，貫通雲林縣、嘉義縣、臺南縣以及臺南市等4縣市，全長共138公里，本路段鑑於北、中路段完工通車後車禍頻傳，為顧及沿線居民生命安全與交通順暢，遂將全線變更為封閉式快速公路，並於臺西、東石、北門設3個系統交流道分別與臺西古坑線、東石嘉義線及北門玉井線等3條東西向快速公路相銜接，本路線不但促進六輕，雲林離島工業區、濱南工業區以及布袋港之開發，並連接潟湖、黑面琵鷺保育區及七股鹽山等觀光景點，大大地改變沿海地區之經濟活動，提昇沿海居民之生活品質。

The Mailiao-Sishu Route originates in the north at the Sibin Bridge. It heads south until it reaches Village Sishu to the East-West Expressway Tainan-Guanmiao Route. On the way it passes through Yunlin County, Chiayi County, Tainan County and Tainan City, the route covering 138Km.



Due to the high incidence of car accidents in the northern and central section of this route after its opening, to take into account the safety and convenience of residents along the route, the decision was made to gradually convert it into a closed expressway. System interchanges at Taisi, Dongshih and Beimen were installed to connect to the three East-West expressways, these being the Taisi-Gukeng Route, the Dongshih-Chiayi Route and the Beimen-Yujing Route. This route not only promotes the development of the Six Naphtha Crackers, Yunlin Offshore Industrial Zone, Binnan Industrial Zone and the Budai Harbor, it also connects to popular tourist destinations such as the Lagoon, Black Faced Spoonbill Conservation Area and Cigu Salt Mountain. This has resulted in a transformation to the coastal regions' economic activities and improved the residents' quality of living.





臺61線262K Taiwan Provincial Highway No.61 262K

臺61線235K Taiwan Provincial Highway No.61 235K



臺61線282K Taiwan Provincial Highway No.61 282K



臺61線249K Taiwan Provincial Highway No.61 249K





80 臺61線西濱大橋 The Sibin Bridge on Taiwan Provincial Highway No.61



臺61線232K高架橋下 Taiwan Provincial Highway No.61 at 232K beneath the viaduct

## HIGHWAY CONSTRUCTION

穿山越江 行腳千里 *An all over the mountains and across the rivers journey*

北部地區 (臺北、桃園、新竹、苗栗)

**Northern Region** (Taipei, Taoyuan, Hsinchu, Miaoli)



臺2線翡翠灣眺望萬里

Taiwan Provincial Highway No.62 View of Wanli from Emerald Bay



臺2線萬里隧道—全長1.14公里，連接萬里、金山二鄉，91年2月完工通車。

Taiwan Provincial Highway No.2 Wanli Tunnel

With a total length of 1.14 Km, the tunnel connects the townships of Wanli and Jinshan. It was completed and opened to traffic in February 2002.



84 臺2線46K Taiwan Provincial Highway No.2 46K



85 臺2線53K Taiwan Provincial Highway No.2 53K



86

123線竹林大橋—跨越頭前溪，全長881公尺，84年1月完工通車。

County Highway No.123 Jhulin Bridge

Spanning the River, With a total length of 881M, it was completed and opened to traffic at the end of 1995.



臺2線86K Taiwan Provincial Highway No.2 86K

87





臺4線炭津大橋—跨越大漢溪，全長776公尺，91年8月完工通車。

**Taiwan Provincial Highway No.4 Kanjin Bridge**

Spanning the Dahan River, it has a total length of 776M and was opened to traffic at the end of August 2002.





臺7線巴陵大橋—跨越大漢溪，全長220公尺，94年7月完工通車。

The Baling Bridge on Taiwan Provincial Highway No.7

Spanning the Dahan River, it has a total length of 220M and was opened to traffic at the end of July 2005.



臺7線羅浮橋—跨越大漢溪，全長230公尺，81年1月完工通車。

Taiwan Provincial Highway No.7 Luo Fu Bridge

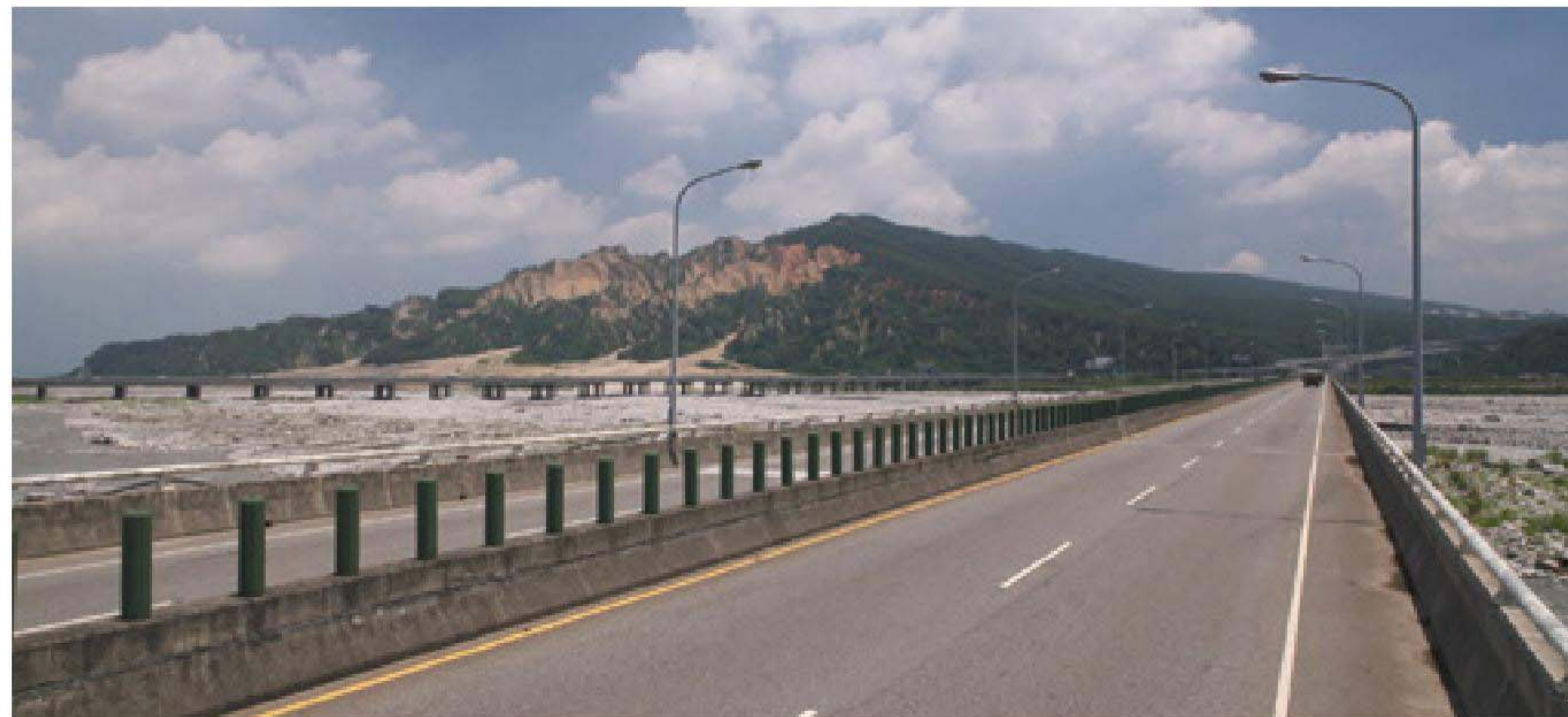
Spanning the Dahan River, it has a total length of 230M and was opened to traffic at the end of January 1992.

# HIGHWAY CONSTRUCTION

穿山越江 行腳千里 *An all over the mountains and across the rivers journey*

中部地區 (臺中、彰化、雲林、南投)

**Central Region** (Taichung, Changhua, Yunlin, Nantou)

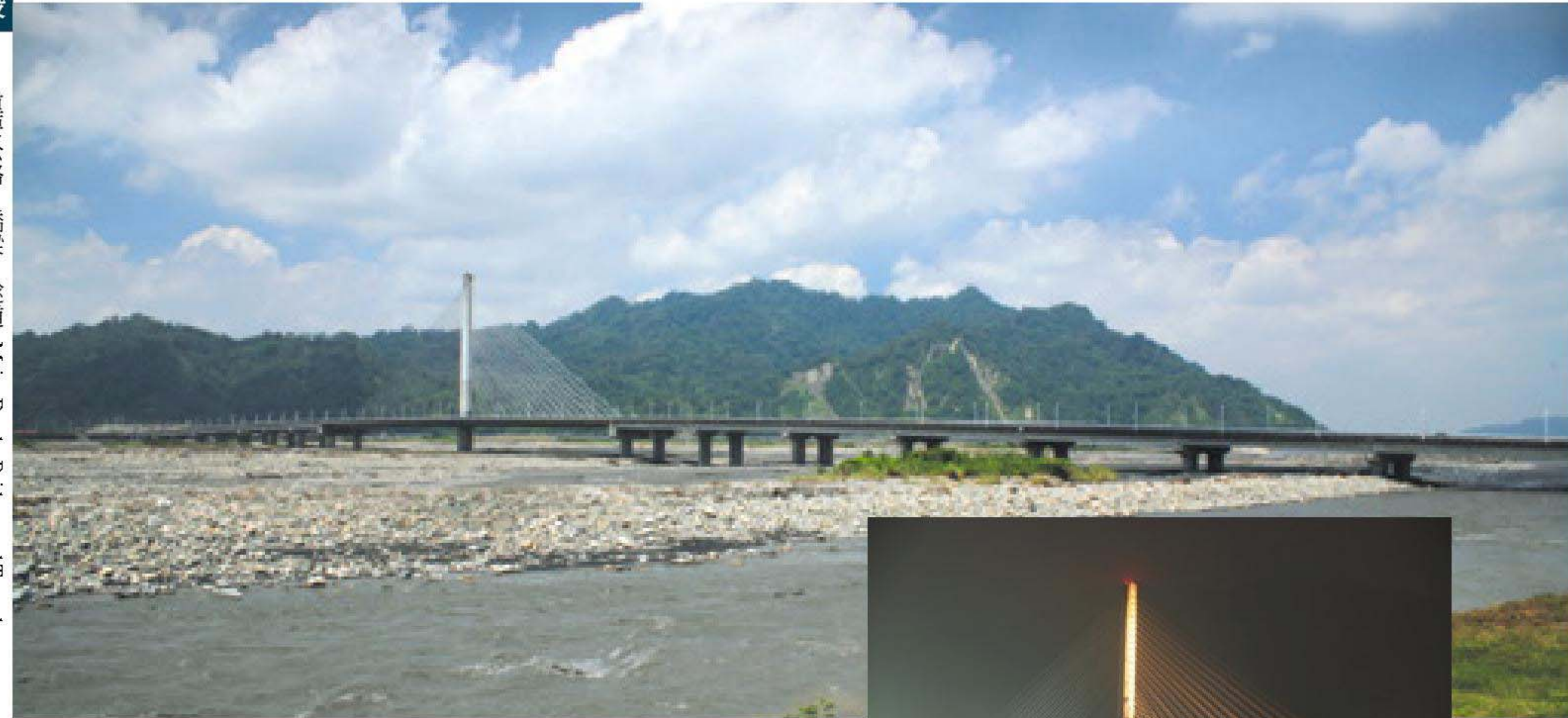


臺13線56.5K Taiwan Provincial Highway No.13 56.5K



臺13線55.5K Taiwan Provincial Highway No.13 55.5K





集鹿大橋—跨越濁水溪，全長967公尺，93年8月完工通車。

Jilu Bridge

Spanning the Jhuoshuei River, it has a total length of 967KM and was opened to traffic in August 2004.



臺16線11.7K Taiwan Provincial Highway No.16 11.7K



臺中港特三號聯外道路—東起西濱快速公路高架橋，往西銜接台中港區中二路，全長2.02公里，91年12月完工通車。

**Taichung Port Special Highway No.3 outer ring road**

Originates in the east at the elevated roadway of the Western Coastal Expressway. Goes west to connect to the Taichung Port area's Zhong No.2 Rd. With a total length of 2.02K, this was completed and opened to traffic in December 2002.



100 臺14甲線33K Taiwan Provincial Highway No.14A 33K



臺1線溪州大橋—跨越濁水溪，全長3.03公里，83年10月完工通車。

The Sijhou Bridge on Taiwan Provincial Highway No.1

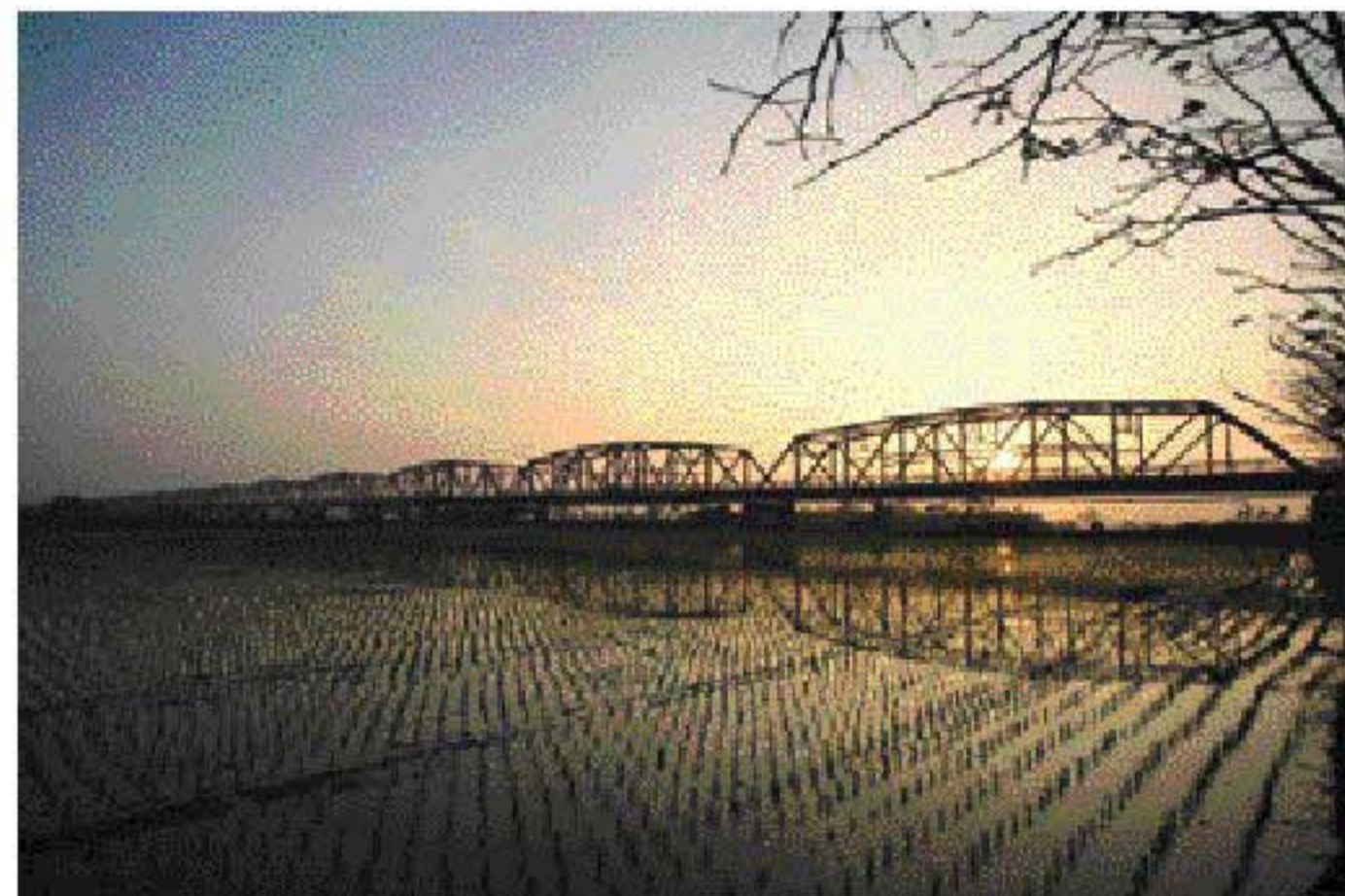
Spanning Jhuoshuei River, it has a total length of 3.03K and was opened to traffic in October 1994.



臺14甲線27K Taiwan Provincial Highway No.14A 27K



臺14甲線34.8K Taiwan Provincial Highway No.14A 34.8K



145線西螺大橋—橋墩換底工程 County Highway No.145 Siluo Bridge's base of piers reconstruction





臺3線名竹大橋改建—跨越濁水溪，全長700公尺，92年12月完工通車。  
 Taiwan Provincial Highway No.3 Minjhu Bridge reconstruction  
 Spanning the Jhuoshuei River, it has a total length of 700M and was opened to traffic in December 2003.

921地震受損情形  
 Minjhu Bridge damaged by September 21 earthquake



臺14線雲龍橋—橋梁檢測  
 Taiwan Provincial Highway No.14 Yunlong Bridge span inspection

# HIGHWAY CONSTRUCTION

穿山越江 行腳千里 *An all over the mountains and across the rivers journey*

## 南部地區 (嘉義、臺南、高雄、屏東、澎湖)

### Southern Region (Chiayi, Tainan, Kaohsiung, Pingtung, Penghu)



臺南機場聯外道路一起點為臺南航空站南側銜接現有道路，終點則銜接臺1線，總長1.1公里，路寬25公尺，93年1月完工通車。

#### Tainan Airport Access

Originates from the existing road network on the south side of the Tainan Air Terminal and terminates at Taiwan Provincial Highway No.1. It is 1.1K in length, 25M wide and opened to traffic in January 2004.



臺19甲線麻善大橋—跨越曾文溪，全長918公尺，92年11月完工通車。

#### Taiwan Provincial Highway No.19A Masan Bridge

Spanning the Zengwun River, it has a total length of 918M and was opened to traffic in December 2003.



進德大橋—為連絡屏東縣新園鄉與東港鎮兩地之交通要道，主橋全長為440m，91年10月完工通車。

**Jinde Bridge**

Important transportation link connecting Siryuan Township and Dongkang Township in Pingtung County. The bridge has a total length of 440M and was opened to traffic in October 2002.



臺17線雙園大橋改建—跨越高屏溪，全長2.7公里，75年12月完工通車。

**Taiwan Provincial Highway No.17 Shuanyuan Bridge reconstruction**

Spanning the Kaoping River, it has a total length of 2.7km and was opened to traffic in December 1986.







181線月光山隧道—全長1,670公尺，可縮短美濃鎮至杉林鄉之間的距離，91年1月完工通車。

County Highway No.181 Yueguangshan Tunnel

With a total length of 1670M, it shortens the distance between the townships of Meinong and Shanlin. Construction completed and opened to traffic in January 2002.



臺18線57K明隧道 The Open Tunnel on Taiwan Provincial Highway No.18 at 57K



澎湖跨海大橋一位於白沙島與西嶼島之間，全長2.494公里，85年1月完工通車。

**Penghu Trans-Ocean Bridge**

Between Bai Sha island and Xi Yu island, With a total length of 2.494K, it was completed and opened to traffic at the end of 1996.



## HIGHWAY CONSTRUCTION

穿山越江 行腳千里 *An all over the mountains and across the rivers journey*

東部地區 (宜蘭、花蓮、臺東)

**Eastern Region (Yilan, Hualien, Taitung)**



黎霧橋一位於宜蘭市外環道路上，主橋為單孔紐爾遜式鋼拱橋，橋長156公尺，中央拱高26公尺，全寬39.6公尺，91年10月完工通車。

**Liwu Bridge**

116 Located on Yilan City's outer ring road, the main bridge is a single arch Nielsen steel bridge. The bridge is width is 39.6M, 156M in length, with a center arch 26M in height. The bridge was opened to traffic in October 2002.





118 臺9線83K Taiwan Provincial Highway No.9 83K



119 臺11線147K Taiwan Provincial Highway No.11 147K



120 臺11線148K Taiwan Provincial Highway No.11 148K



臺9線太魯閣大橋—  
 位於花蓮縣新城鄉與秀林鄉間立霧溪流域出海口上，屬於蘇花公路崇德至新城路段，新建造型優美之五跨簡支  
 紐爾遜式鋼橋，全長1.208公里，91年7月完工通車。

**Taiwan Provincial Highway No.9 Taroko Gorge Bridge**  
 Located on the Liwu River mouth between Sincheng Township and Sioulin Township in Hualien County, this bridge  
 is part of the Suhua Highway's Chongde to Sincheng section. It is a newly built elegant looking five span simplified  
 support Nielsen steel bridge with a total length of 1.208Km. The bridge was completed and opened to traffic in  
 July 2002.



臺9線396K Taiwan Provincial Highway No.9 396K

臺9線275K Taiwan Provincial Highway No.9 275K



臺9線大清水隧道—全長600公尺，79年1月完工通車。  
Taiwan Provincial Highway No.9 Dacingshuei Tunnel  
Total length is 600M and it was opened to traffic in January 1990.



臺9線匯德隧道—全長1,460公尺，89年5月完工通車。  
Taiwan Provincial Highway No.9 Hueide Tunnel  
Total length is 1,460M and it was opened to traffic in May 2000.

# 公路景觀

VIEWS FROM THE HIGHWAYS

## (一) 完善規劃 飽覽美景

旅遊路線景觀改善

DESIGNED FOR THE BEST VIEWS

Tourism Route Scenery Improvement

## (二) 美不勝收 一路好景

「金路獎」得獎路段

ALL THE BEST VIEWS ALL THE WAY

"Golden Road Award" Winning Road Sections





## VIEWS FROM THE HIGHWAYS

完善規劃 飽覽美景 *Designed for the best views*

## 旅遊路線景觀改善

**Tourism Route Scenery Improvement**

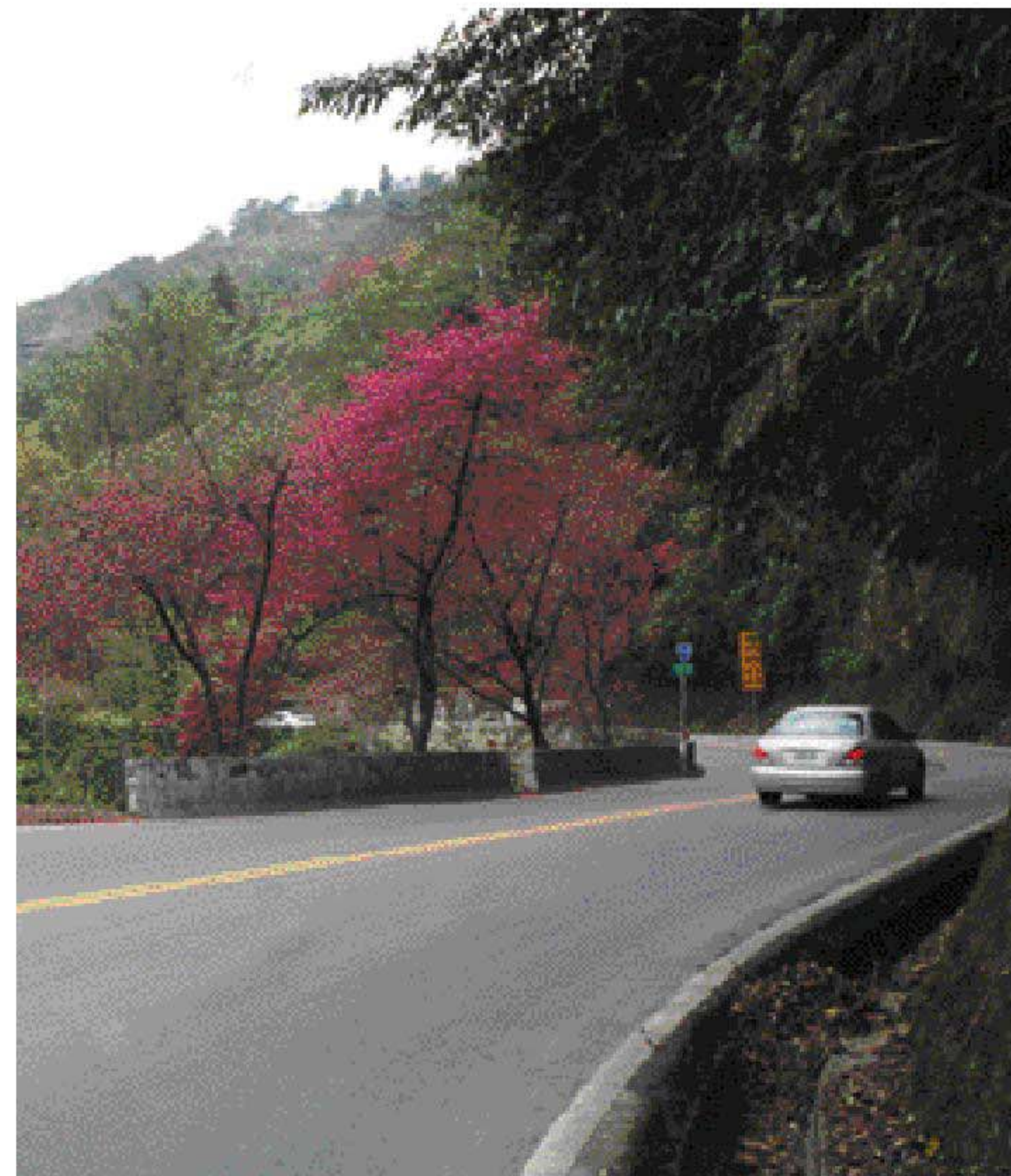
臺14乙線中興新村路段  
Taiwan Provincial Highway No.14B Jhong sing New  
Village Section



臺9線花東公路365K~367K茄苳樹隧道 The Hwatumg Highway of Taiwan Provincial Highway No.9 365k~367K Autumn Maple Tree Tunnel



臺3線臺中縣大里市  
Taiwan Provincial Highway No.3 in Da Li city Taichung county



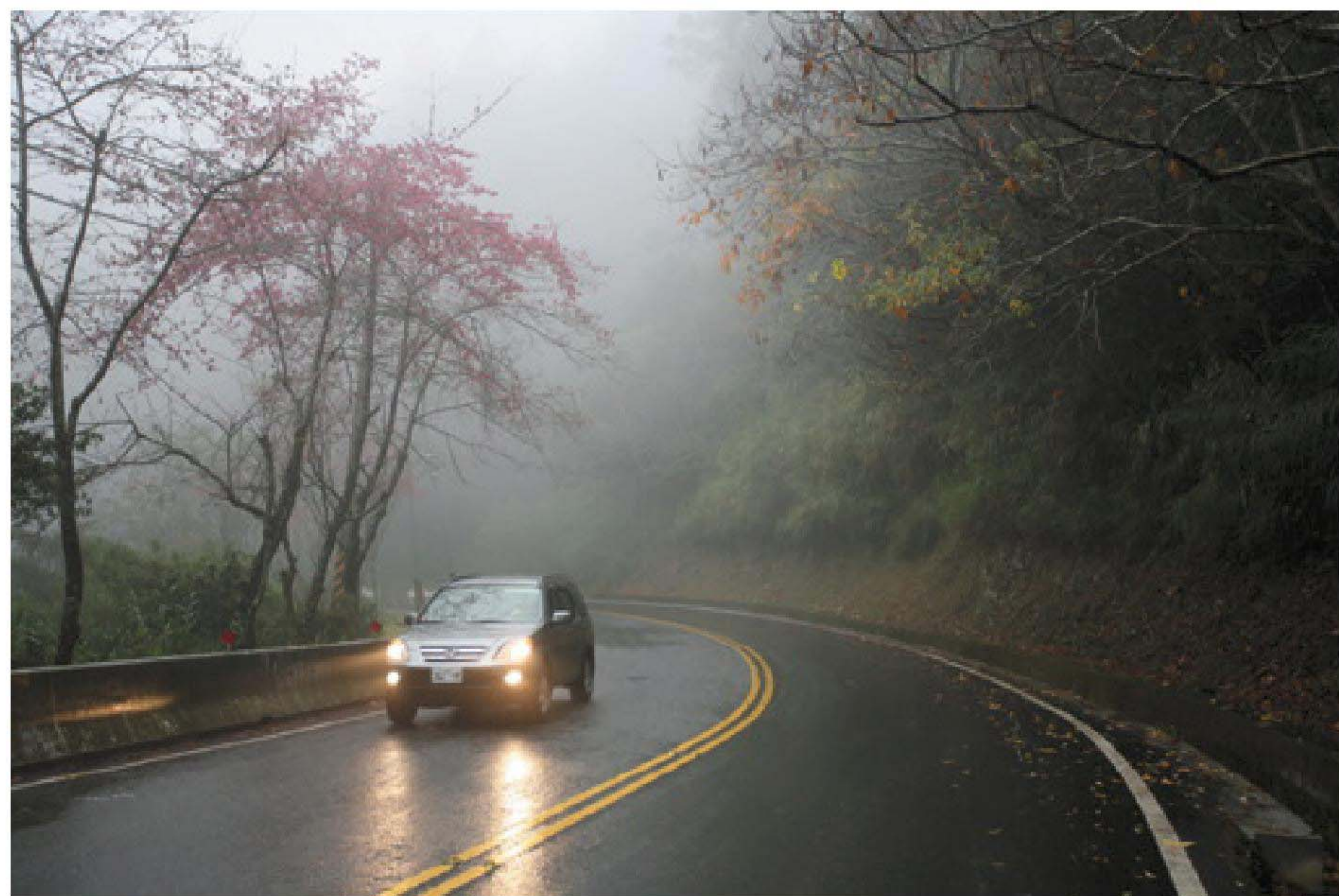
臺14線埔霧公路77K  
The Puwu Highway of Taiwan Provincial Highway No.14 77K



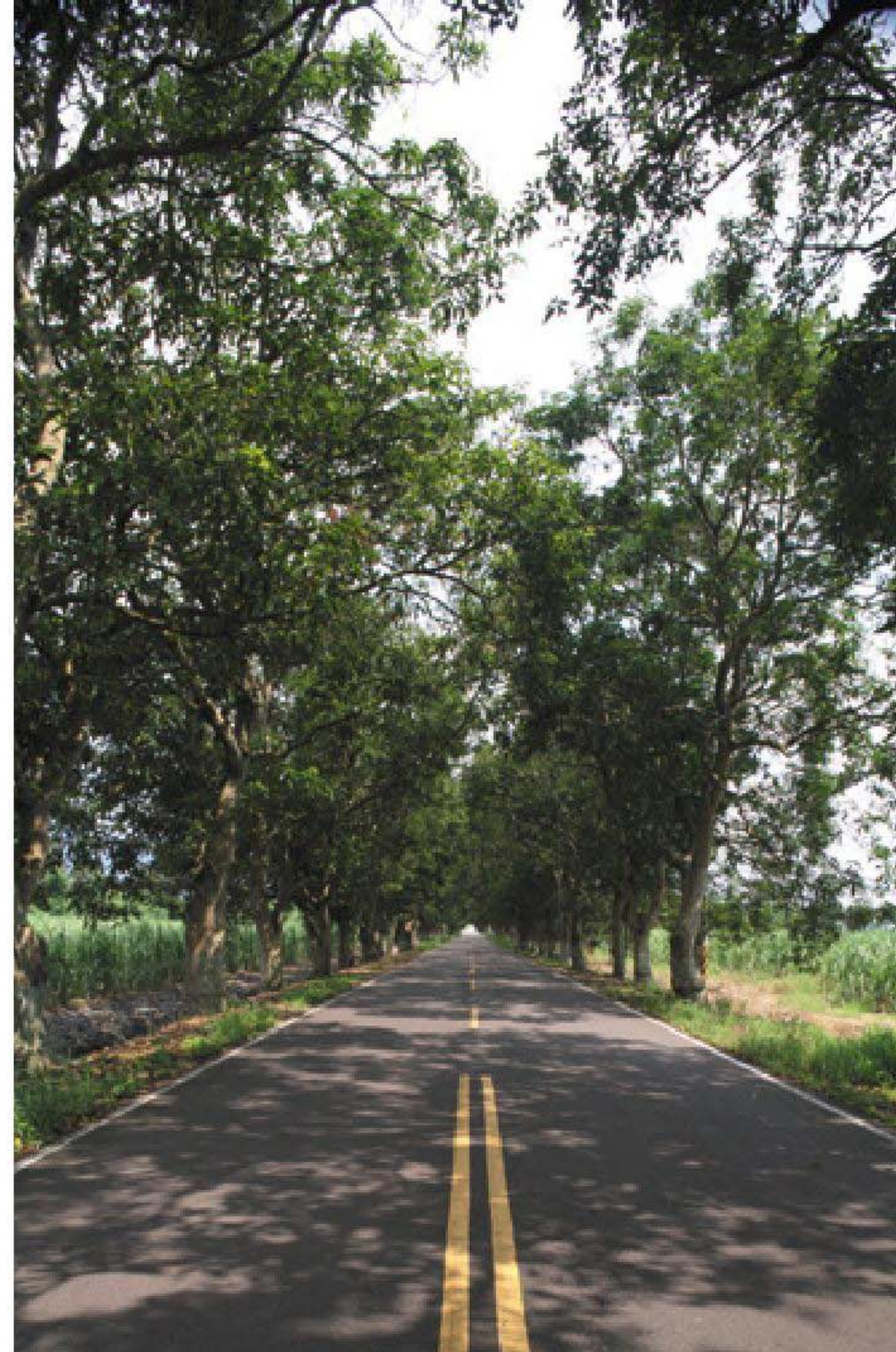
臺21線63K Taiwan Provincial Highway No.21 63K



132 臺14線埔霧公路76.5K The Puwu Highway of Taiwan Provincial Highway No.14 76.5K



臺18線阿里山公路60K The Alishan Highway of Taiwan Provincial Highway No.18 60K



臺3線262K綠色隧道 Taiwan Provincial Highway No.3 at 262K Green Tunnel



臺23線45K  
Taiwan Provincial Highway No.23 45K



152線16K眺望臺16線14~18K  
County Highway No.152 at 16K View of Taiwan Provincial Highway No.16 14~18K



臺11乙線1K Taiwan Provincial Highway No.11B at 1K mark



臺14甲線27K Taiwan Provincial Highway No.14A at 27K mark



臺20線南橫公路168K  
The Southern Cross-island Highway of Taiwan Provincial Highway No.20 at 168k mark



138 臺9線蘇花公路170K清水斷崖 The Suehwa Highway of Taiwan Provincial Highway No.9 at 170K Cingshuei Cliff



臺2線北部濱海公路76K The North Coastal Highway of Taiwan Provincial Highway No.2 76K



140 臺2線北部濱海公路49K The North Coastal Highway of Taiwan Provincial Highway No.2 49K



臺9線蘇花公路146K The Suehwa Highway of Taiwan Provincial Highway No.9 146K



142 臺11線東部海岸公路70K The East Coastal Highway of Taiwan Provincial Highway No.11 70K



臺9線蘇花公路127.5K The Suhsua Highway of Taiwan Provincial Highway No.9 127.5K

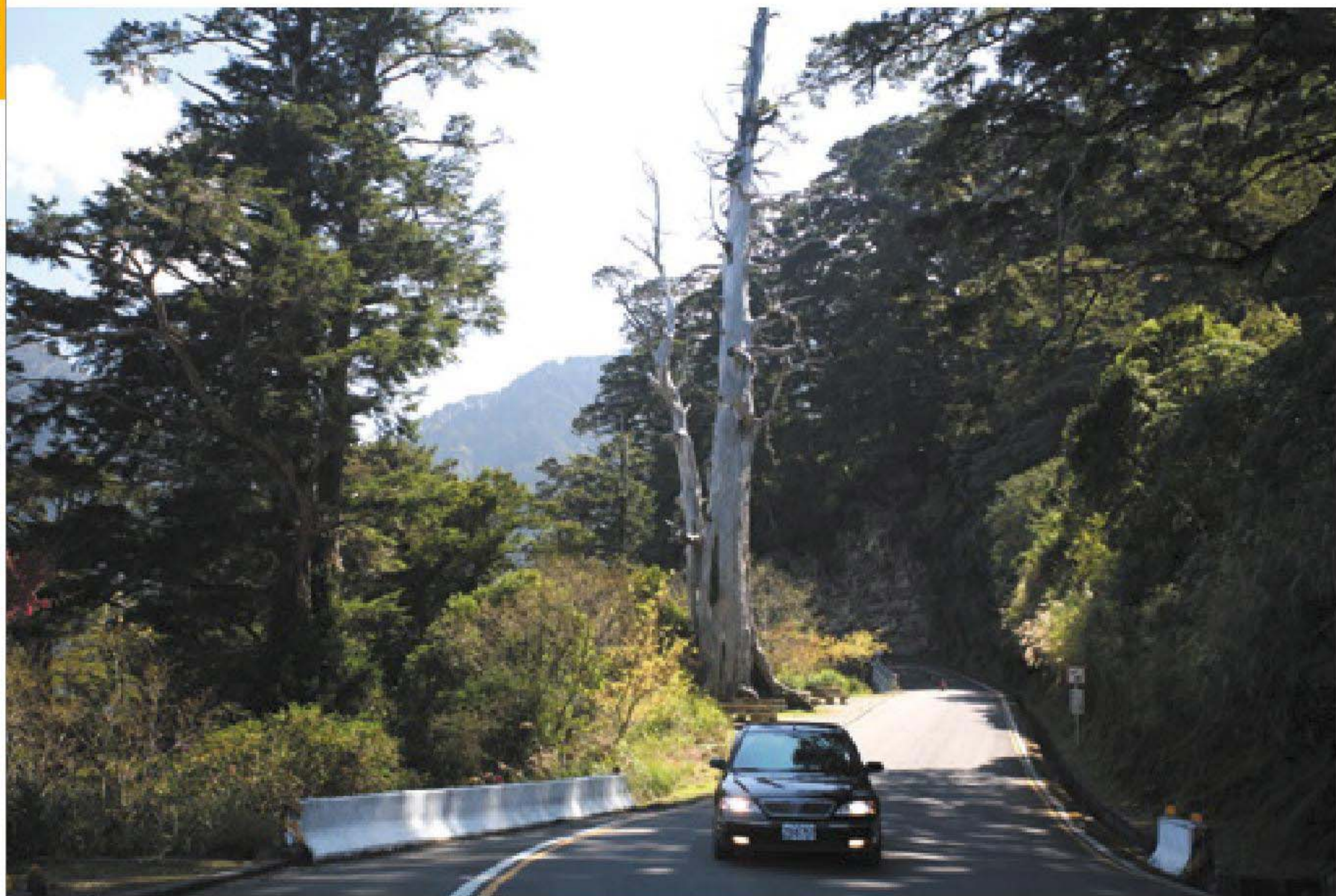




168線東石大橋—跨越朴子溪，全長407.5公尺，91年8月完工通車。

The Dongshih Bridge on County Highway No.168

Spanning the Putzu River, a total length of 407.5M and it was opened to traffic in August 2002.



146 臺20線南橫公路143K The Southern Cross- island Highway of Taiwan Provincial Highway No.20 at 143K mark



臺20線南橫公路146K The Southern Cross- island Highway of Taiwan Provincial Highway No.20 at 146K mark



148 臺14甲線 30K Taiwan Provincial Highway No.14A at 30K mark



臺68線15K處眺望115線 Taiwan Provincial Highway No.68 at 15K view of County Highway No.115



150 臺14線埔霧公路77.5K The Puwu Highway of Taiwan Provincial Highway No.14 77.5K



臺9線北宜公路67.5K The Peiyi Highway of Taiwan Provincial Highway No.9 67.5K



152 三貂角燈塔俯瞰臺2線北部濱海公路111K Look at the North Coastal Highway of Taiwan Provincial Highway No.2 at 111K from the Sandiaojiao Lighthouse



153 臺2線北部濱海公路88.5K The North Coastal Highway of Taiwan Provincial Highway No.2 88.5K



154 臺11線東部海岸公路148K The East Coastal Highway of Taiwan Provincial Highway No.11 148K



155 臺2線北部濱海公路94K The North Coastal Highway of Taiwan Provincial Highway No.2 94K



156 臺9線北宜公路60.4K The Peiyi Highway of Taiwan Provincial Highway No.9 60.4K



臺9線北宜公路60.4K The Peiyi Highway of Taiwan Provincial Highway No.9 60.4K



臺26線屏鵝公路47K The Ping-Er Highway of Taiwan Provincial Highway No.26 47K



臺26線屏鵝公路47K The Ping-Er Highway of Taiwan Provincial Highway No.26 47K





160 臺11線東部海岸公路149.6K The East Coastal Highway of Taiwan Provincial Highway No.11 at 149.6K mark



161 臺11線東部海岸公路148.5K新橋休息站 The East Coastal Highway of Taiwan Provincial Highway No.11 Sinciao Rest Stop at 148.5k mark



162 臺26線屏鵝公路33K The Ping-Er Highway of Taiwan Provincial Highway No.26 33K



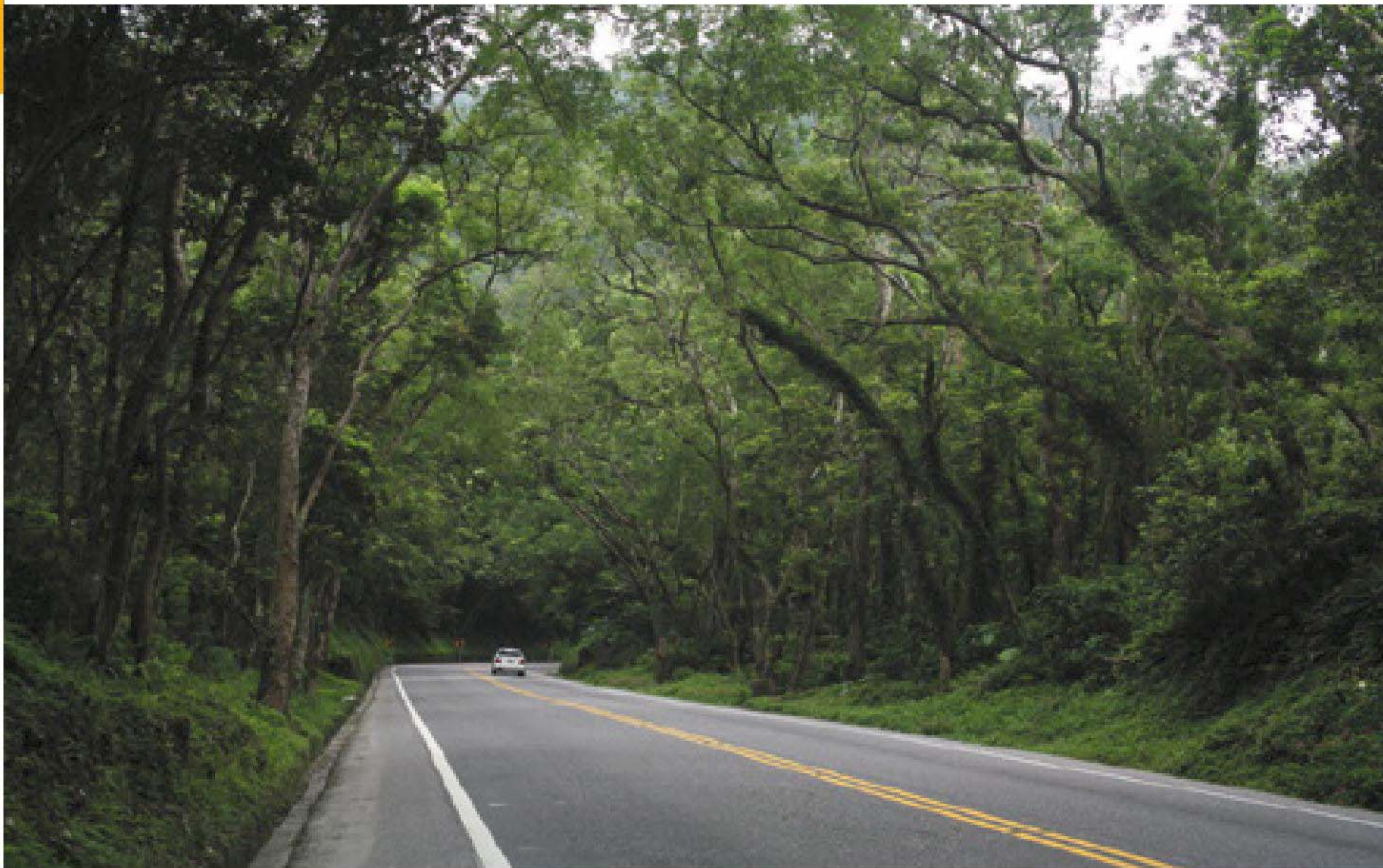
臺23線41K Taiwan Provincial Highway No.23 41K



164 臺9線花東公路玉里大橋 The Yuli Bridge of the Hwatum Highway of Taiwan Provincial Highway No.9



165 臺9線花東公路301K The Hwatum Highway of Taiwan Provincial Highway No.9 301K



166 臺9線蘇花公路128.3K The Suchwa Highway of Taiwan Provincial Highway No.9 128.3K



167 臺11線東部海岸公路長虹大橋 The Jhanghong Bridge of the East Coastal Highway of Taiwan Provincial Highway No.11

## VIEWS FROM THE HIGHWAYS

美不勝收 一路好景 *All the best views all the way*

### 「金路獎」得獎路段

### "Golden Road Award" Winning Road Sections

#### 「交通部金路獎」優良景觀類得獎路段簡介：

「交通部金路獎」係交通界最高榮譽，於民國89年首次舉辦，共分六大類，其中「優良景觀類」，以本局之工務段為參選單位；由各工務段自選「省、縣道」5公里以上景觀優美之路段，參加局內初評，再由本局評選9個路段，參加交通部複評；複評時由交通部聘請相關專家學者組成考評小組實地考評，取前3名並於金路獎頒獎典禮大會中予以表揚。

An introduction to Outstanding Scenic Road Sections that Won the "Ministry of Transportation and Communications Golden Road Award"

The "MOTC Golden Road Award" is the highest honor in the transportation industry. It was first awarded in 2000 and has six categories. Of these, the "Outstanding Scenery" category opened to the bureau's branches " each branch selects a stretch of road over 5Km long that has excellent views, from "provincial and county highways" for internal pre-selection by the bureau. The and then selects 9 road sections for review by the MOTC. During the review, the MOTC invites experts and academics in the field to form an assessment team for on the spot review. The top three sections are then honored at the Golden Road Award Ceremony.



臺9線北宜公路58K眺望（91、92年優良景觀類第2名） The Peiyi Highway of Taiwan Provincial Highway No.9 at 58K view (2nd place for 2002 and 2003 Excellent Scenery Award)



170 臺3線264.5K (92年優良景觀類第1名) Taiwan Provincial Highway No.3 at 264.5K view (1st place for 2002 Excellent Scenery Award)



151線17.7K (94年優良景觀類第2名) County Highway No.151 at 17.7K (2nd place for 2005 Excellent Scenery Award)



172 臺26線屏鵝公路48K (92年優良景觀類第3名) The Ping-Er Highway of Taiwan Provincial Highway No.26 at 48K (3rd place for 2003 Excellent Scenery Award)



臺7丙線3K (94年優良景觀類第3名) Taiwan Provincial Highway No.7C 3K (3rd place for 2005 Excellent Scenery Award)



174 臺1線407K (89年優良景觀類第1名) Taiwan Provincial Highway No.1 407K (1st place for 2000 Excellent Scenery Award)



臺18線阿里山公路16K (90年優良景觀類第1名) The Alishan Highway of Taiwan Provincial Highway No.18 16K (1st place for 2001 Excellent Scenery Award)



臺灣行 公路情：公路建設成果專輯 = The roads of Taiwan / 張仕京總編輯，-- 初版，-- 臺北市：交通部公路總局，民95面；公分

ISBN 978-986-00-5767-6 (精裝)

1. 公路工程 - 臺灣

442.14

95013161

# 臺灣行 公路情

The Roads of Taiwan

公路建設成果專輯

出版機關：交通部公路總局

出版年月：中華民國95年8月

發行人：陳晉源

地址：臺北市忠孝西路1段70號

電話：(02) 2311-3456

網址：<http://www.thb.gov.tw/>

總編輯：張仕京

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編印單位電話：秘書室研考科 (02) 2331-6207

設計承印：台威傳播事業有限公司

攝影：林菁鵠

工作群：林菁鵠 展定中 沈芳慶 林淑美 朱綵華 劉得忠 葉思婕

地址：臺北市內湖區行愛路78巷28號6樓之5 (02) 2795-6909

中華民國95年8月初版一刷

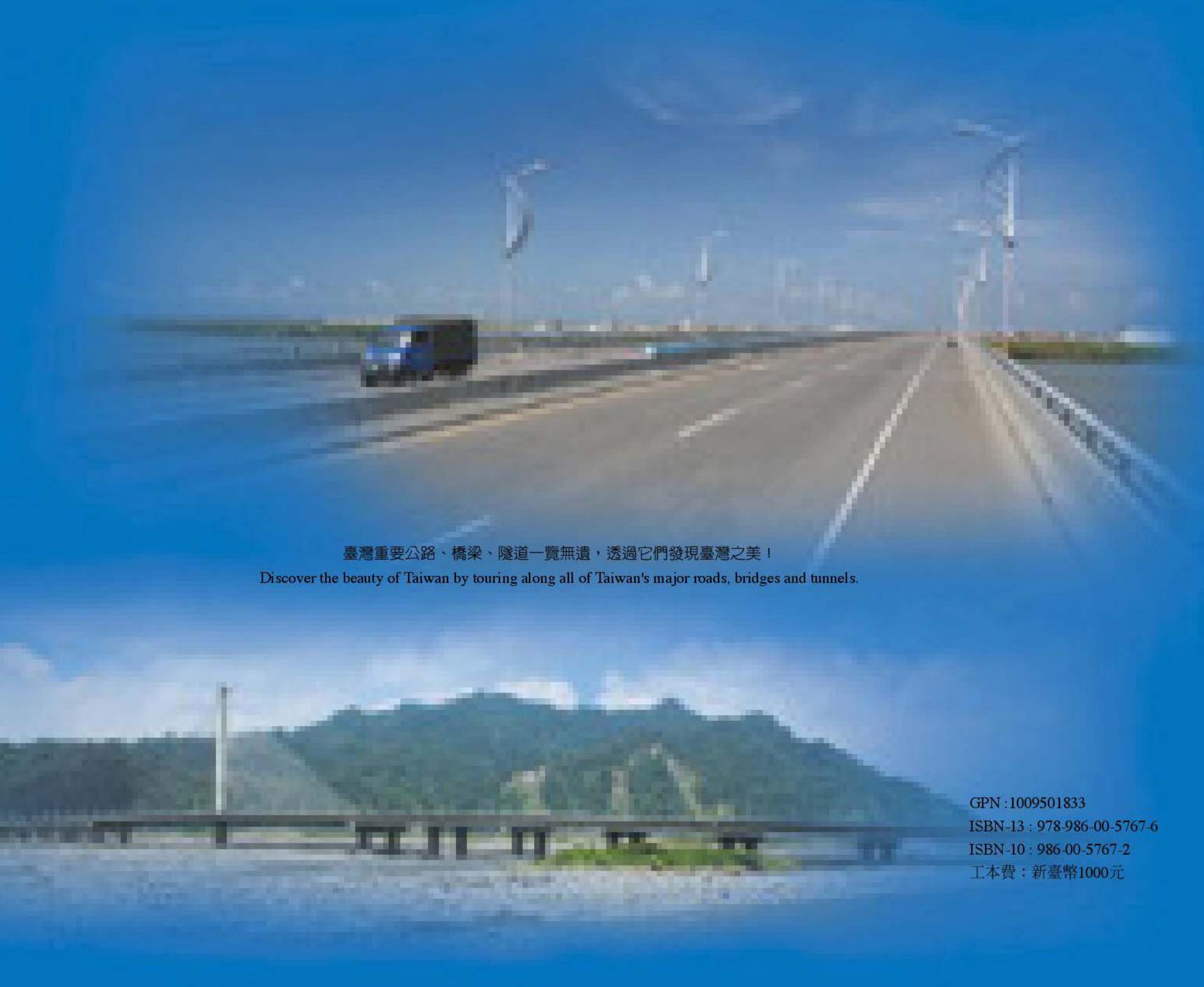
GPN : 1009501833

ISBN-13 : 978-986-00-5767-6

ISBN-10 : 986-00-5767-2

工本費：新臺幣1000元

著作財產權：交通部公路總局

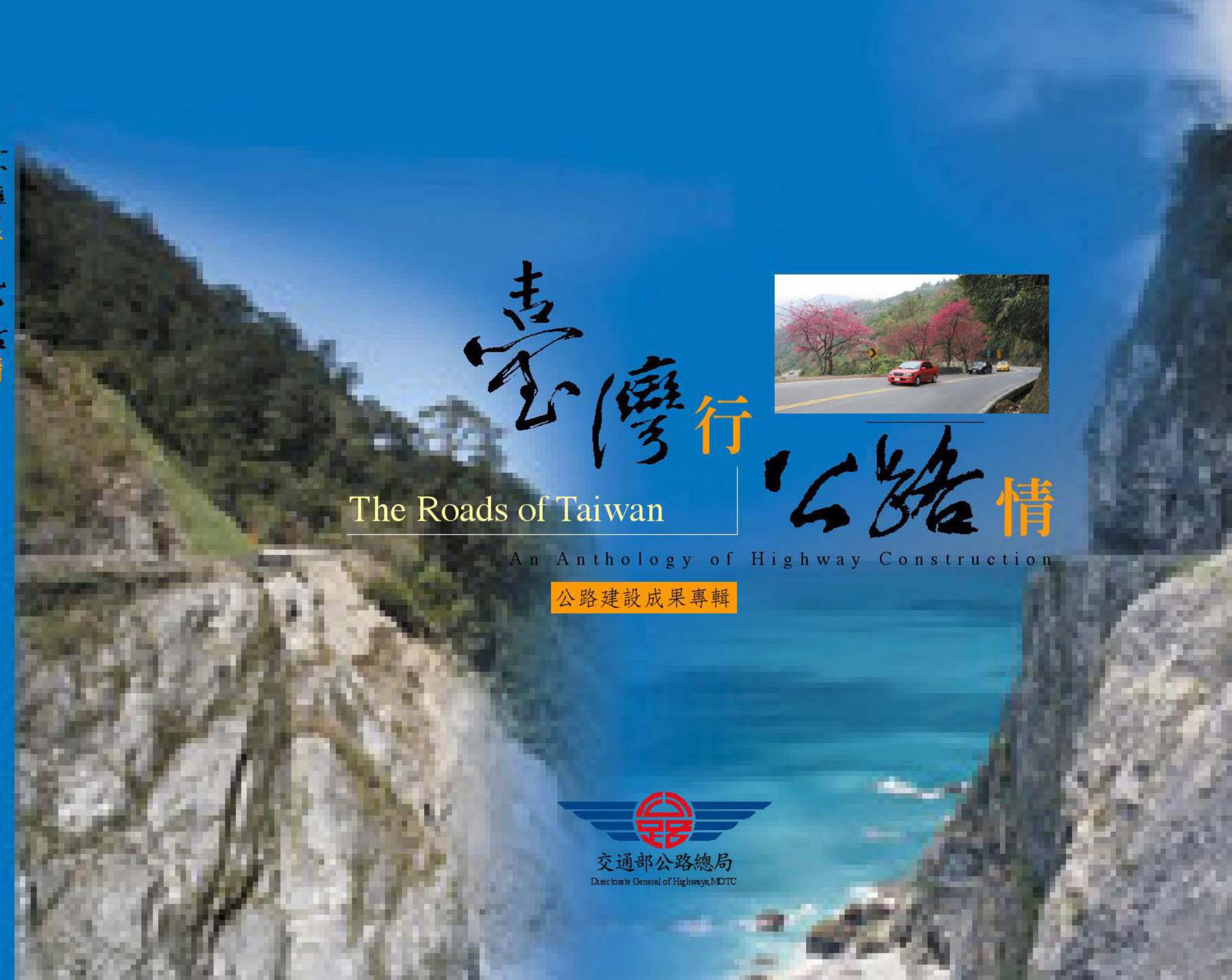


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