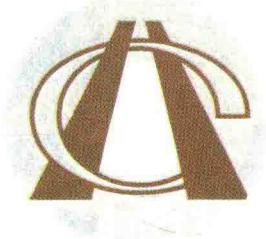


# 中国道路运输集锦



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广东分册

THE  
HIGHLIGHTS  
OF CHINA HIGHWAY  
TRANSPORTATION

《中国道路运输集锦》编辑部  
广东省交通厅

编撰

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经济发展  
交通先行

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## 前 言

广东省位于祖国大陆南部,毗邻港澳,与闽、赣、湘、桂四省区接壤,西南端隔琼州海峡与海南省相望。

广东省交通运输发达,公路、铁路、水运、航空、管道五种运输方式共存。特别是改革开放以来,广东的交通运输事业迅猛发展,取得了令人瞩目的成绩。一九九二年底,全省公路通车里程 55883 公里,其中高速公路 78.6 公里,二级以上公路 3181 公里,桥梁 11511 座 359846 延米。主干线公路除海湾外全部实现改渡为桥的目标;全省 99.2% 乡镇和 84% 的管理区通了公路;每百平方公里公路密度达 31.2 公里(居全国第三位)。一个以广州为枢纽,主干线公路为骨架的向各市、县辐射延伸的公路网已经形成。

广东全省拥有机动车 189.3 万辆。其中民用汽车 47.62 万辆(客车 16.71 万辆,货车 29.8 万辆),摩托车 104.38 万辆,拖拉机 37.39 万辆。

全省参加营运的客车有 73081 辆,货车 225610 辆。在我省全社会完成货运量中,公路货运 6.98 亿吨,占 80%。在全社会客运量中,公路客运 7.36 亿人次,占 91%。

改革开放以来,广东与港澳的公路物资交流发展尤其迅速,增幅巨大,由 1980 年的 29 万吨,增到 1990 年的 1710 万吨。近年来,又有新的增长。交通工业,有年生产 10 万吨以上的船舶工业体系和生产客货汽车、挂车的汽车工业企业。全省交通工业总产值在 3 亿元以上。

在邓小平同志南巡讲话和十四大精神的鼓舞下,全省交通出现了前所未有的大好形势。各级政府办交通的积级性日益高涨,基础建设步伐加快,重点工程项目相继开工,建成了一批汽车场站;交通改革进程加快,利用外资有了新的发展,成立了“佛开”高速公路股份公司,组建了“交通投资实业公司”,进一步加快了交通资金的筹集和管理水平的提高;开展公路运输路牌有偿使用和推广,以经济手段调节运输市场,取得了初步经验;积极帮助公路运输企业转换经营机制;交通行业管理有了加强,设立了二十个公路检查站,经省政府批准颁发了《广东省道路运输服务业管理办法》等法规和制度,促进了依法行政和行业管理工作;精神文明建设和科技、教育工作有了新的发展。

广东公路建设发展的目标是:2010 年,高速公路通各市,一级或超二级公路通各县(市),等级公路通县镇和各管理区。全省公路通车里程达到 10.7 万公里,公路密度每百平方公里达到 60 公里(赶上届时的南朝鲜水平)。20 年新增里程 5.23 万公里,其中高速公路 3310 公里、一级公路 4894 公里、二级公路 10102 公里、铺筑水泥、沥青路面 57993 公里。同时加速改造现有的汽车站场,并建成广州、深圳、汕头、韶关等五个设备先进、功能齐全的客、货运输枢纽站,形成一个布局合理,基本适应广东公路客、货运输的服务网络。

为了实现我省交通现代化目标,我省交通系统广大干部职工,在省委、省政府的领导下,认真总结经验,开拓进取奋斗二十年,力争“八·五”全省交通面貌大变,“九·五”使交通与经济发展相适应,后十年使交通能适度超前于经济的发展,并全面实现交通现代化。

广东省交通厅

# THE HIGHLIGHTS OF CHINA HIGHWAY TRANSPORTATION

## FOREWORD

Situated at the southern part of mainland of our motherland, Guangdong Province is adjacent to Hongkong, Macao, borders on Fujian, Jiangxi, Hunan and Guangxi Provinces, with its southwest part facing Hainan Province each other across Qiongzhou Strait.

The communications & transportation of Guangdong have been rapidly developed especially since the reform and opening to the outside world, which boasts its highway transportation, railway transportation, water transportation and air transportation. At the end of 1992, the mileage of highway transportation service is 55883km in whole province, among which expressway 78.6km, highway of 2nd class and above 3181km, 11511 bridges with 359846 running metres. The goal to change ferry steamers into bridges of main trunk highway (gulf excluded) has all been completed, 99.2% of the villages and towns and 84% of the administrative district of the whole province have highway service, with density of per hundred square kilometre 31.2 km (ranking 3rd place in China). A highway network with Guangzhou as the hub, main trunk highway as the backbone, radiating and extending to all cities & counties has been formed.

There are 1.893 million motor vehicles in Guangdong Province, among which 476200 cars for civil use (in which 167100 buses, 298000 freight cars), 1.0438 million motorcycles, 373900 tractors, 73081 buses and 225610 freight cars are for engaging in business transport. In whole social freight transportation of the province, highway transport is 698 million tons, covering 80%, and highway passenger transport is 736 million persons/times, covering 91%.

The exchange quantity of goods & materials of Guangdong and H. K., Macao has been particularly developed since the reform and opening to the outside world, which is shown by the great figure of increment range from 0.29 million tons in 1980 to 17.10 million tons in 1990, and new increase for these years is still going on. In communications industry, the province possesses shipping industrial system with producing ship of 0.10 million tons per year and auto industrial enterprise with producing bus, freight car and trailer. The communications industrial output value of the province per year totals 300 million yuan and above.

Inspired by the talk of Comrade Deng Xiaoping in his south patrol and the spirit of the 14th National Congress of the Communist Party of China, an unprecedentedly auspicious situation arises in the field of communications of the whole province. The activity to stations, established "Fukai" Expressway Corp and set up by combination "Communications Investment Industrial Corp", which will further quicken raising money for communications construction and improve managerial standard. Approved by the government of Guangdong Province, the laws & regulations of "Road Transportation Service Management Measures of Guangdong Province" have been issued, and 20 highway inspection stations set up, which promote the managerial work by relying on laws.

The development aim of highway construction of Guangdong by 2021 is: expressway open to every city, 1st class or super 2nd class highway to every county (city), highway of grades to county town and every administrative district, with mileage of highway service up to 107000 km. The density of per hundred square kilometre will be 60 km (keeping pace with the level of South Korea at that time). It will increase 52300 km mileages in 20 years, among which expressway is 3310 km, 1st class highway 4894 km, 2nd class highway 10102 km, cement, asphalt road 57993 km. In the meantime, we will speed up the modernization of existent autoyards, stations, and build 5 passenger, goods transport hubs of Guangzhou, Shenzhen, Shantou, Zhanjiang and Shaoguan with advanced equipment and complete functions, forming a service network with reasonable layout and basically suitable to passenger, goods transportations by highway of Guangdong.

Under the leadership of the provincial party committee and government, vast number of workers and staff as well as cadres of the communications system of Guangdong Province will conscientiously sum up the experiences, work hard to fight for 20 years, and strive to take on a new look for the communications of Guangdong during "the Eighth Five-Year Plan", to make communication suit the economic development during "the Ninth Five-Year Plan", and moderately surpass the economic development, so as to completely realize the modernization of communications during the next decade.

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0101003	广东省交通科学研究所	4	THE COMMUNICATIONS SCIENCE RESEARCH INSTITUTE OF GUANGDONG PROVINCE
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0115003	东莞市汽车工业公司	99	THE AUTOMOBILE INDUSTRY COMPANY OF DONGGUAN CITY
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0116004	惠来县交通局	120	THE COMMUNICATIONS BUREAU OF HUILAI COUNTY
0117001	汕尾市交通局	121	THE COMMUNICATIONS BUREAU OF SHANWEI CITY
0118001	潮州市交通委员会	127	THE COMMUNICATIONS COMMITTEE OF CHAOZHOU CITY
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# 广东省公路运输管理局

广东省公路运输管理局,于1988年3月成立。代表省交通厅,负责对全省客、货运输业,搬运装卸业,汽车摩托车维修业和运输服务的行业管理。局机关设立8科2室。全省20个地级市交通局均设有运管处(科),各县设立交管站,乡镇设立交管站(所),实行分级管理。

改革开放以来,广东省公路运输业得到很大发展,现全省有客、货运输经营共24.75万户,纳入管理的营运客车55900多辆,102万座位;汽车摩托车维修业户13700多家,搬运装卸1500多户,运输服务业800多户,建立公共型客运站326个,总面积70万平方米和一批货运交易市场。

1992年全省国有公路运输部门共完成客运量3.2亿人次,旅客周转量191亿人公里,完成货运量2067万吨,货物周转量7.7亿吨公里。

目前,公路运输已逐步形成了一个开放,统一,活跃,有序的运输市场。



- 1 管理局领导向省交通厅领导汇报工作
- 2 省交通厅领导参加全省公路运输管理工作会议
- 3 澄海县交通局运管人员热情为车主办运营证照
- 4 广州番禺运输行政管理学校
- 5 管理局全体同志合影

# THE HIGHWAY TRANSPORTATION ADMINISTRATION OF GUANGDONG PROVINCE



The bureau was founded in March of 1988. On behalf of the Communication Department of Guangdong Province, it governs the passenger and freight transport trade, the shipping and loading or unloading, motor or motorcycle repair and transportation service. The bureau office has 10 sections and controls over the transport department, stations, sections in different ranks respectively subordinating to 20 prefectures, counties and small towns in the whole province.

The highway transport trade in Guangdong has greatly developed since the reform and open policy. 247500 registered persons are engaged in the transport of passenger and freight. There are 55900 passenger vehicles with 1 million and 20 thousand seats, 13700 motor and motorcycle repair shops, 1500 shipping and loading units, over 800 transport service units under the jurisdiction of the bureau. 326 bus terminals with a total area of 700000 m<sup>2</sup> and some freight transport markets have been set up .

320 million persons/times of passenger volume, 19.1 billion persons/km of the passenger turnover, 2.067 million tons of freight volume, 770 million ton/km of freight turnover were accomplished by the state-owned enterprises of Guangdong in 1992.

Recently, an open, united, active and orderly transportation market has been set up.



## 广东公路

党的十一届三中全会以来,广东省公路建设事业贯彻改革、开放、搞活的方针,开创了以地方政府为主,多家经营,多渠道集资加快建设速度的新局面,取得了突破性的进展。

广东省 13 年来,交通建设共投入资金 110 亿元,建成桥梁 1748 座,总长 85163 延米,实现省境内国道无渡口通车。“集资建桥超千座”,规模大、数量多、速度快、评为广东改革开放十年大成就之一。现全省公路通车总里程达到 55300 多公里,每百平方公里公路密度为 31 公里,高于全国平均水平的两倍。水泥路面 4700 多公里,居全国首位。全省建成高速公路和一、二级公路共 2300 多公里,填补了改革开放前没有高等级公路的空白。一个以广州为中心,主干线公路为骨架,向各市、各经济特区、经济开发区辐射,向各县乡辐射的公路网已经形成,初步缓解了公路交通严重滞后于国民经济发展的被动局面,有效的改善了投资环境。

目前,广东省正加紧兴建由江泽民总书记参加奠基的汕头海湾大桥;投资最大跨径 888 米居全国之冠的虎门大桥已正式动工;“广深”“惠深”“广花”“广州环城”等多条高速公路正抓紧兴建,标志广东省公路建设已进入向高速公路发展的新时期。全省各地呈现“大路大富、小路小富、高速公路快富”的喜人景象。

## Highways of Guangdong province

Since the Third Plenary Session of the Eleventh Central Committee of the Party, the government of Guangdong Province has implemented the policy of reforming, opening and enlivening and made a breakthrough in creating a new pattern of quickening highway construction by the means of relying on local governments, allowing a variety of ownerships, and raising funds from various channels.

Over the last thirteen years, Guangdong has spent 11 billion yuan on transporting construction, including 1748 bridges totalling 85163 meters long. Thus all the national highways within the province are connected without a single ferry. These bridges built with raised funds are so great in scale, large in number, and high in building speed that they are selected to be one of the greatest accomplishments of the ten years since Guangdong adopted the reform and open-door policy. Now the total length of highways has reached over 55300 km, averaging 31 km per one hundred square kilometers, twice higher than that of the national level. The cement highways total more than 4700 km, topping other provinces of China, and expressways and grade-1 and grade-2 highways total over 2300 km, filling the blank of high-grade ways before reform and open-door policy. As a result, a Guangzhou-centered network, with highways as its backbones, has taken shape. The network radiates to every city, every special economic zone, every industrial development zone and every county and town. Its establishment, in some extent, reverses the trend that communications hindered economic growth, and effectively betters the environment for investment.

At present, Guangdong Province is busy with the construction of Shantou Bay Bridge, the foundation of which was laid by the General Secretary of the Party Jiang Zeming. Humen Bridge, with a largest span of 888 meters in China, is right under construction. The soon-to-be-built Guang-Shen Expressway, the Hui-Shen Expressway, the Guang-Hua Expressway, and Guangzhou City Ring Road indicate that highway construction has stepped onto a new stage towards expressways. There presents a pleasant sight everywhere just as people put it that highways bring a big fortune, small roads a small fortune and expressways a grand fortune.

广东省交通科学研究所成立于1960年,是广东公路运输系统的科学研究、工程监理、检测试验中心。现有各类专业技术人员101人,其中高、中级技术骨干43人。各类试验设备571台(套)。设有桥梁、道路、汽车、交通电子等专业研究室、以及公路工程监理站、公路工程质量监督站、公路桥梁工程监测站、机动车辆质量监督检验站、交通科技情报站等。工程监理取得了高等级公路和大型桥梁工程的监理资格证书;质量监督和检测分别通过了交通部的监督认证和广东省技术监督局的计量认证。改革开放以来,有25项科研成果分别获国家、部、省科技成果奖和国家专利。1992年被部评为“全国交通厅(局)先进科学研究所”。

为了适应广东公路运输发展的需要,该所正在建设新的科研基地,并将进一步贯彻科研技术面向经济建设和“一主多副、以副养主”的办所方针,在完成公路运输科研任务的同时,面向社会积极开展公路工程监理、质量监督、检测试验、技术咨询等多种形式的技术服务工作。

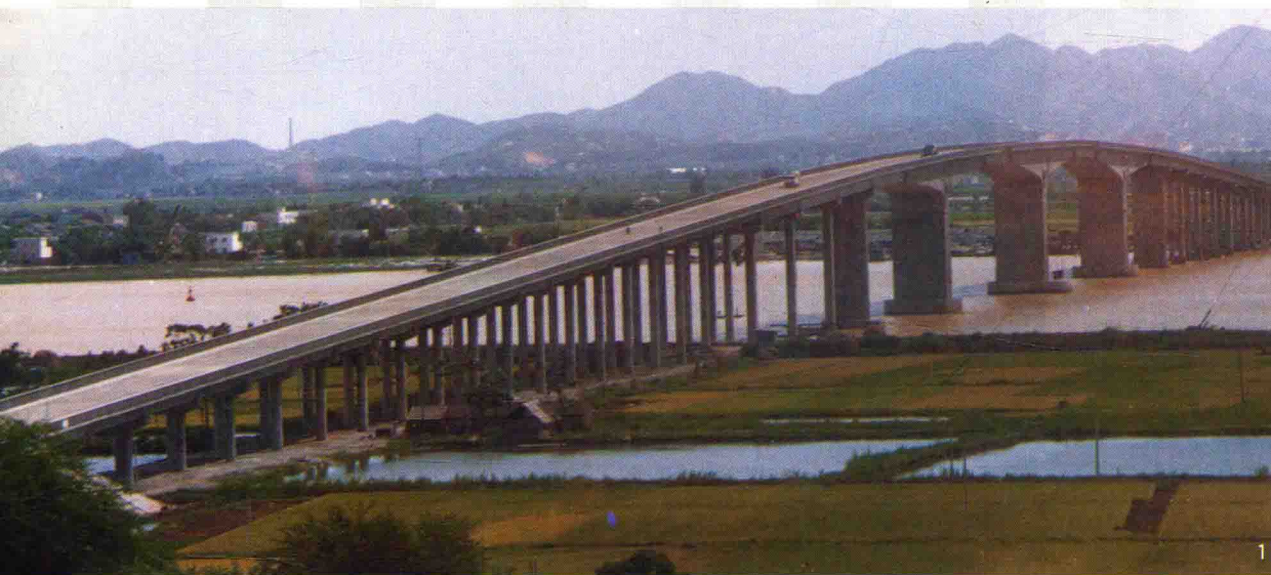
Guangdong Communications Scientific Research Institute, established in 1960, is the scientific research, project supervision, test and experiment center of Guangdong highway transport system. It owns 101 professional staff including 43 senior and intermediate technicians, 571 sets of all kinds of experiment equipment. Under its leadership, there are the professional Research Offices of Bridge, Highway, Automobile, Communications Electronics, Highway Project Supervision Station, Highway Project Quality Supervision Station, Highway Bridge Project Supervision and Test Station, Motor Vehicle Quality Supervision and Check Station, Communications Science and Technology Information Station. In project supervision and management, the supervision and management qualification certificate of high-grade highway and large bridge project has been granted. The quality supervision and check have respectively passed the examinations for certificate of quality by the Communications Ministry and for certificate of measure by the Technology Supervision Bureau of Guangdong Province. Since the reform and open policy, 25 scientific research results have respectively obtained state, ministry and province science and technology achievement prizes and state patents. In 1992, it was rated as the Advanced Scientific Research Institute of All-China Communications Department (Bureau).

In order to meet the demand of highway transport development in Guangdong, the institute is building new scientific research base, and further carrying out the policy of the institute that scientific research and technology should face economic construction, "taking one as main work among sidelines which support the main work".

While fulfilling the scientific research task of highway transport, it faces the society to do many kinds of technical service work of highway project supervision and management, quality supervision, test and experiment and technical consultation etc.



该所开发的预应力混凝土箱形连续梁、竖曲线多点顶推新技术施工的中堂大桥。荣获国家优质工程银质奖。



- 1 斗门大桥
- 2 洛溪大桥
- 3 广(州)—佛(山)高  
速公路
- 4 黄浦立交桥



# THE HIGHWAY RECONNAISSANCE AND DESIGN INSTITUTE OF GUANGDONG PROVINCE



广东省公路勘察规划设计院,是广东省唯一的国家甲级公路工程勘察规划设计机构。曾多次派出工程技术人员到国外承担公路、桥梁工程的勘察设计及施工技术指导,从事各等级公路、高速公路、特大型桥梁、隧道的勘察设计及前期的各类工作,区域性公路网规划、工程咨询、工程地质勘探和民用建筑设计,已有40年历史,承担过多项具有国内外先进水平的高等级公路、特殊大桥和公路网规划,由于质量优良,受到各方好评。1980年以来获得国家优质工程银质奖、全国优秀工程设计金质奖、铜质奖、交通部重大科技成果奖、优秀设计奖、广东省优秀设计奖等30多次。1991年被广东省人民政府评为广东省先进集体。

该院正努力开创新时期的设计水平,确保质量,迅速交件,竭诚为国内外公路桥梁工程建设服务。

Guangdong Highway Surveying Planing and Designing Institute is the only surveying, planing and designing organization of A-grade highway projects. It has sent engineers and technicians to go abroad to undertake the technical instructions of surveying, planing and designing highways and bridges, engaging in the survey and design and other kinds of work in the early period of grade highways, expressways, especially big bridges and tunnels, and the plan of regional highway network. It has a history of 40 years in engineering consultation, geographical survey of projects and civil archetecture design, undertaking several planings of high-grade highway, especially big bridge and highway network with advanced level both at home and abroad, which obtained good evolution because of their excellent qualities. Since 1980, it has obtained more than 30 prizes, such as the Silver Prize of All-China Excellent Project, the Gold Prize of All-China Excellent Project Design, the Sighificant Science and Technology Result Prize and the Excellent Design Prize of the Communications Ministry and the Excellent Design Prize of Guagdong Province. In 1991, it was rated as the Advanced Collective of Guangdong Province by the People's Government of Guangdong Province.

The institute is striving for raising design level in new period to certainly guarantee the qualities and deliver them quickly, wholeheartedly serving the constructions of domestic and foreign highways and bridges.



# 广东省高速公路公司

# THE FREEWAY COMPANY OF GUANGDONG PROVINCE



总经理: 李少峰

广东省高速公路公司, 主要任务是执行广东省政府制订的从 1991 年起, 用 20 年左右时间, 建成 10 条总长 2560 公里的高速公路的规划。技术力量雄厚, 有多年从事国内外公路桥梁工程建设的专家和管理干部, 老中青技术专家和管理干部基本配套。负责全省高速公路, 汽车专用公路、广州市出口公路和特大桥梁、隧道工程的建设、管理和经营, 以及承接国外公路工程项目。

公司 1985 年成立以来, 直接组织实施公路桥梁工程, 共完成 12 亿元工程量。其中广州市东出口中山大道一级城市公路、广珠公路、广佛高速公路, 被评为优良样板工程; 广州至湛江公路九江大桥工程, 全长 1682 延米, 获国家科技进步二等奖、省级科技进步一等奖。公司在建项目: 有“广花”“惠深”“佛开”“广珠东线”等高速公路和汕头海湾大桥、后门隧道等工程。

公司建成的公路桥梁项目, 正在不断发挥巨大的社会效益, 如广佛高速公路通车以来, 交通量日平均达 3 万余车次, 日平均收费达 20 余万元。

The main job of the company is to implement the programme of the province government designed to construct ten 2560 - kilometer long expressways from 1991 to about 2011, in charge of all the works of expressways and highways in Guangdong Province and exit highways, extra - large bridges and tunnels in Guangzhou city, and undertake contracted highway projects in foreign lands as well. The company is endowed with a rich talent resource, including some experts and experienced managerial staff of different ages, who have for many years worked in this field both at home and abroad.

Since its founding in 1985, the company has been engaged in organizing and constructing highways and bridges. Up to now, a project volume of 1.2 billion yuan is effected. Many a project won various prizes: Grade - 1 Zhongshan Urban Highway (the east exit of Guangzhou), Guang - Zhu Highway, and Guang - Fo Expressway were appointed to be excellent model works, the 1682 - meter long Jiujiang Highway Bridge was awarded a second prize by the state and a first by the province for scientific and technological advancement. Now the company is busy with the construction of the Guang - Hua Expressway, the Hui - Shen Expressway, the Fo - Kai Expressway, the east part of the Guang - Zhu Expressway, the Shantou Bay Bridge, the Houmen Tunnel and so on.

The bridges and highways completed are bringing an increasing social and economic profit to the province. The Guang - Fo Highway, for example, will greet 30,000 vehicles each day, and earn a daily average income of over 200,000 yuan.

2 广(州)——佛山高速公路大沥互通立交桥







广东省广花高速公路公司于1990年7月成立。属事业单位,实行企业管理,公司下属机构有:路政大队、交通拯救队、路桥维修队等专业队伍和凤凰、朝阳、大田、聚龙、神山、新华及乡岭等七个收费站,定编人员共有195人。负责对广(州)至花(县)段的高速公路和107国道花县境内的二级公路的管理,收费和养护工作。兼营仓储,出售汽车另配件和为来往车辆提供加油,停车修理等多项服务。

1992年竣工的广花高速公路是广州市北出口的主要干道,是北京至广州高等级公路的最南端,全长22.6公里,比旧有广花公路可缩短里程10公里,与广花高速公路相连的107国道花县境内的二级公路从新华镇至天龙顶长约20公里,比旧线从花县至清远市可缩短里程18公里,1990年开通以来已收取过路费700多万元,节约燃油费1500多万元,收到了明显效益。

The company which was founded in July of 1990 is a public institution but runs in enterprise way. The company administrates a general road maintenance brigade, a traffic deliverance team, a road and bridge maintenance group and 7 road toll collection stations with a total of 195 authorized staff members. The company is responsible for the management, the fees collection and the maintenance of the section of the freeway from

Guangzhou city to Huaxian county. In addition, the multiple service of warehouses, motor parts, gas supply and car repairing etc, are offered by the different units of the company.

Guang-Hua freeway which was completed in the end of 1992 is the trunk road for the export of Guangzhou city and the southmost section of Beijing - Guangzhou arterial highway. The total length of the section is 22.6 km which is 10 km shorter than the original one. The 107th national road is about 20 km from Xinhui county to Tianglongding, which is 18 km shorter than that of the old road.

700 million yuan of road toll has been collected and 15 million yuan of gas has been saved since the road open to traffic, which have made considerable profit for the whole area where the road pass through.

- 1 省市有关领导祝贺广花高速公路通车
- 2 记者(左)向广花公司经理(右)了解通车后运输情况
- 3 高速公路叉道口

