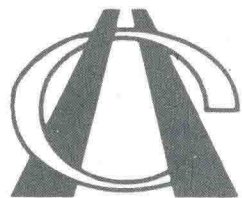




中国道路运输集锦

云南分册

THE HIGHLIGHTS OF
CHINA HIGHWAY
TRANSPORTATION



编撰

《中国道路运输集锦》编辑部
云 南 省 交 通 厅

振興道路運輸
繁榮國民經濟

李先念

一九五一年七月十七日

经济发展
交通先行

璩美 1993.7.8



前言

云南地处祖国西南边陲,是一个边疆、山区、多民族的内陆省份,总面积 36.40 万平方公里。解放前,由于半封建,半殖民地社会制度沉重的枷锁,交通十分落后,60% 以上运输靠驿道和人背马驮。“山间铃响马帮来”就是云南落后交通运输方式的真实写照。

解放以后,党和政府十分重视交通建设。特别是党的十一届三中全会以来,在中共云南省委、省人民政府领导下,在交通部大力支持下,云南交通建设和运输进入了一个以公路建设为重点的发展时期。改革开放 14 年间,全省用于交通基本建设的投资 34.5 亿元,相当于前 30 年的 1.7 倍。14 年所改建公路里程之多、速度之快、质量之好、是建国以来所没有的。已建成交付使用的石(林)安(宁)公路和昆(明)玉(溪)公路,结束了云南没有高等级公路的历史。到 1991 年底,全省公路通车里程达 60054 公里,为解放初的 22 倍。其中,等级路 5200 公里,增长 109.14%。高级次高级路面 11642 公里,增长 109.95%。全省公路总里程在全国名列第二。一个以昆明为中心,干支相联,城乡相通辐射全省的公路网已初步形成,对我省经济和社会发展,起到了极大的促进作用。随着市场经济的发展和对外开放的日益扩大,人流迅猛增长,公路运输业发展很快,到 1992 年全省民用汽车达 192269 辆,公路客、货运量约占全省内社会总运量的 90%。全省有公路客运线路 2891 条,9091 班次。

在小平同志南巡谈话鼓舞下,云南经济要上新台阶,扩大对外开放,迫切需要疏通“通边、出省、入海”的交通大动脉。“勒紧裤带上交通”,表达了全省各族人民“要大富,修大路”的决心,掀起了加快干线公路建设新高潮。确定大干三年,完成昆明至瑞丽、昆明至打洛、昆明至河口、昆明经水富至成都、昆明经罗村口至南宁、昆明经曲靖至贵阳六条干线公路主要路线的建设和改造,使全省高等级公路里程达 1300 公里,比“七五”末期增长 4.5 倍。昆明通往玉溪、曲靖、楚雄三个滇中腹地城市的公路建成高等级公路;部分为全封闭、全立交的半幅高速公路。“九五”期间,计划对六条干线公路未改造段继续抓紧改造,使通往周边国家和邻省的干线公路全部高等级化。同时,继续抓紧口岸公路、经济干线、县乡公路的改造和建设。使我省公路交通登上一个新台阶。公路货运将向大型汽车运输方向发展,大大增加出省物资的运量。全省民用汽车接近十年平均速度增长,本世纪末将达到 40 万辆左右。

《中国道路运输集锦》云南分册的出版,对我省的进一步对外开放,发展商品经济,促进民族地区的尽快发展,必将发挥积极的作用。

云南省交通厅



THE HIGHLIGHTS OF CHINA HIGHWAY TRANSPORTATION

FOREWORD

Yunnan is a frontier, mountainous and multi-national inland province located in the south-west border area of the country, covering an area of 364,000 square kilometers. Before liberation, haunted by the semi-feudalist and semi-colonist social system, communications in the province were in a very backward state, with 60 per cent of the transport handled on the post roads and by human beings and horses. The saying "The ringing of the bells brings the caravans" is a realistic description of the backward communications and transport in Yunnan at that time.

After liberation, due emphasis was laid on communications construction by the Party and the government. Especially after the 3rd plenary session of the 11th Party's congress, under the leadership of the Provincial Party committee and the provincial government, backed by the Ministry of Communications, the communications construction and transport in Yunnan underwent a development stage centering in highway construction. During the 14 years of the reform, the province made an investment of 3.45 billion yuan in the construction of communications infrastructure, 1.7 times over that of the past 30 years. There were unprecedented records in the length of the roads rebuilt and in the speed and quality of the construction during the past 14 years. The Shiling-Anling highway and the Kunming-Yuxi highway brought to an end the history when Yunnan didn't have high-grade roads. By the end of 1991, the road length in the province open to traffic totaled 60,054 km., 22 times over the initial post-liberation period, 5200 km. of which are graded roads, a jump of 109.14 per cent, 11642 km. of which are high-grade or sub-high-grade roads, representing an increase of 109.95 per cent. Its total road length ranks the second nationwide. A road network centering in Kunming, radiating across the province with arterial lines and branch lines and towns and the country connected with each other has taken its initial shape, which has greatly stimulated the economy and social development in the province. The economic progress; the ever increasing process of opening to the outside world, the swiftly swelling streams of people have made it possible for the road transport sector to flourish rapidly. By 1992 motor vehicles for civil use in the province amounted to 192269 in the aggregate and the road passenger and freight transport volume made up 90 per cent of the total social transport volume. The whole province is criss-crossed with 2891 passenger transport lines with a bus run volume of 9091.

Inspired by Comrade Deng Xiaoping's speeches on his inspection tour to the South, we must upgrade the economy in Yunnan and open further to the outside world, which results in urgent needs to build and upgrade the communications arterial roads to the borders, leading out of the province and to the sea. The call "Tighten your belts for the construction of communications" embodies the determination of the people from different nationalities in the province to "build big roads in order to become wealthy rapidly". A new high tide to speed up the construction of arterial roads has been launched, whose aim is to complete the building and rebuilding of the 6 arterial roads of the Kunming-Ruili road, the Kunming-Dalu road, the Kunming-Hekou road, the Kunming-Shuifu-Chengdu road, the Kunming-Luocunkou-Nanling road and the Kunming-Qujing-Guiyang road so as to bring the total length of the high grade roads in the province to 1300 km., which represents an increase of 4.5 times over the end of the 7th 5-year-plan period. The roads leading to the 3 hinterland cities of Yuxi, Qujing and Chuxiong from Kunming will be built into high grade roads, part of which will be totally enclosed three dimensional semi-breadth expressway. The aim for the 9th 5-year-plan period is to rebuild the remaining parts of the 6 arterial roads, so that all the roads leading to the neighbouring countries and provinces will be high grade roads. In the meantime, the reconstruction and construction of border roads, economic arterial roads and township and town roads will be sped up, consequently, upgrading the communications in the province. Large lorry transport will be the goal for the development of road freight transport, which will result in dramatic increase in the commodity transport out of the province. Based on the average increase rate of the past 10 years, the number of vehicles for civil use in the province will climb to 400000 by the end of this century.

The publication of the Yunnan fascicle of "Highlights of Road Transport in China" will definitely play a positive role in helping the province to further open to the outside world, in developing commodity economy and in the promotion of the rapid development in the minority nationality areas.

Communications Department of Yunnan Province



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云南是以公路运输为主的省份,在全省客货运输总量中,公路运输分别占 89% 和 91%, 在经济建设中地位重要。

云南省为了加强道路运输管理工作,于 1991 年,在省运输管理处的基础上组建并完善了省、地、县、乡四级管理体制。负责全省公路客货运输、搬运装卸、汽车维修和运输服务的行业管理。

云南的公路货运正在逐步实行以社会主义市场经济为主的管理体制,除抢险、救灾物资实行指令性运输外,其余均按市场规律组织运输。云南公路客运发展迅速。现全省共有长途客运线路近 2900 条,9000 多个班次,已形成枝干相连、城乡贯通的公路网络。客车有舒适型、豪华型、卧铺车、夜班车,高、中、低档齐全,大、中、小车齐备,客货运输服务具有较强的适应性。

公路运输的发展正带动着汽车维修业的进步。目前全省共有 6000 个汽车维修厂家,遍布城乡公路沿线,已成为公路运输强大的后方。

改革开放以来,运输行业的发展,呈现国有经济、集体经济、私营和个体经济一起上的新格局,公路运输市场空前活跃。活而有序的运输市场已基本形成。

Road transport makes up the main part of the transport in Yunnan Province. The passenger and freight transport make up 89 per cent and 91 per cent of the total transport volume respectively in the province, which enjoys an important position in the economic construction of the province.

In an effort to strengthen the road transport administration, the province set up and improved the 4-level administration system of the province, prefecture, county and township on the basis of the provincial administration department in 1991, which are responsible for the administration of road passenger and freight transport, conveyance, loading and unloading, motor repair and transport service.

A market-oriented administration system of road freight transport in the province is being implemented step by step. All the transport businesses will be performed on the basis of the market laws, with the goods for emergency and disaster relief excluded, which are transported under the direction of the government. With its rapid increase in the passenger transport, the province now has 2900 long-distance passenger transport lines with a daily bus run volume of 9000, which have formed a road network with trunk lines and branch lines and cities connected with each other. There are buses ranging from high, medium and low in grades, including comfortable buses, luxurious buses, sleeper buses and night buses and buses in different sizes, which have made the passenger transport service in the province very adaptable.

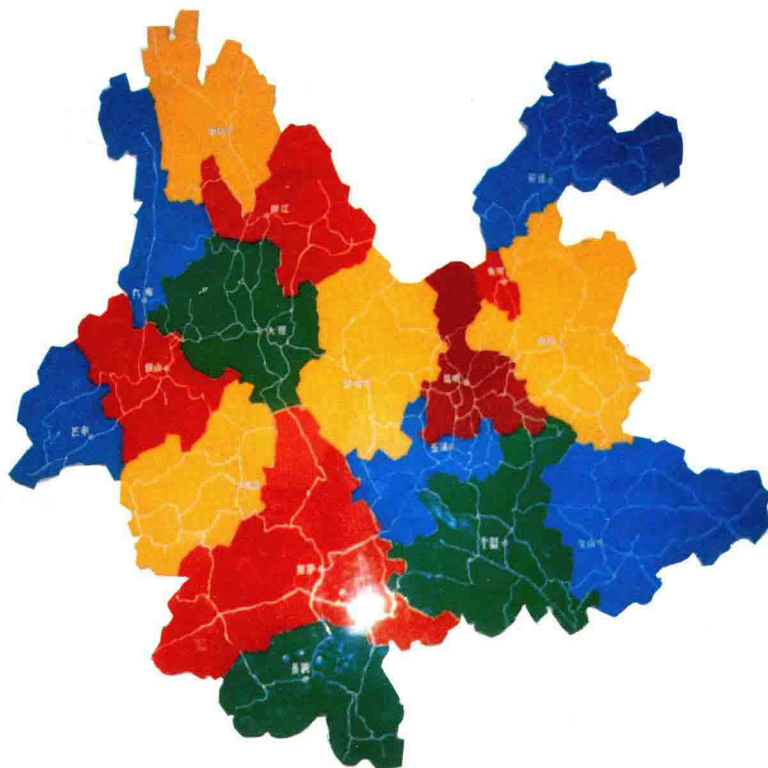
The development of road transport has brought about the progress in the trade of motor repair. At present



there are all together more than 6000 motor repair firms, which spread along the roads in both cities and the country and have become a powerful support for road transport.

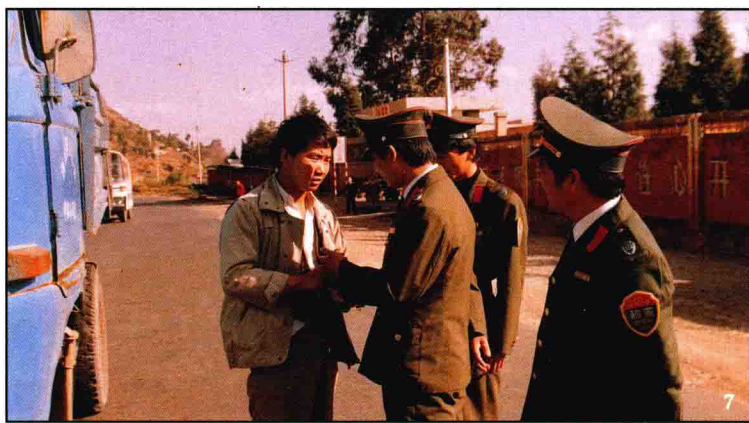
Since the reform, a new transport pattern in which competition between state ownership, collective ownership, private ownership and individual ownership is involved has taken shape. The road transport has been very vigorous and a transport market with both vigour and good order has been formed.

云南省公路客运示意图



- 1 局长:李树昌
- 2 研讨客运工作
- 3 微机管理操作
- 4 局办公楼门景





5 运管局机关领导合影

6 整装待发

7 运政人员上路检查

8 云南省交通厅副厅长王子达在局运管工作会议上讲话

9 云南省交通运输管理工作会议

10 发奖大会

11 省汽车维修行业管理工作会议在保山地区召开



8



11



9



10

云南公路的现状与前景

在云南近 40 万平方公里的土地上,94%是山区和半山区,交通运输主要靠公路,公路建设在云南国民经济和社会发展中起着十分重要的作用。解放后,云南的公路建设有了重大的发展。全省现共有四级以上等级公路 5.2 万多公里(内含著名的“滇藏”、“昆打”“石安”等高等级、次高级公路 11600 多公里),公路总里程比 1949 年增加 18.7 倍。修建南盘江“长虹桥”、怒江“红旗桥”等大小桥梁 5812 座(13.53 万延米),全省县县通公路,99%的乡和 81%的村通公路,全省 5 个国家级口岸和 12 个省级口岸全都通公路。

随着改革开放的不断深入,省委、省政府决定进一步加快公路建设步伐,提出:大干三年,投资 45 亿,基本完成昆明至瑞丽,昆明至打洛(中缅边境)、昆明至河口(中越边境)、昆明至罗河口(至南宁入海)等 6 条共 3500 多公里干线公路的改造任务。将云南通边、出省、入海的公路交通大大改观;并在昆明周围 200 公里范围内的辐射公路全部实现高等级化。

Present Situation and Future Prospects of the Roads in Yunnan Province.

94 per cent of the 400 000 square kilometers of land in Yunnan Province is mountainous or semi-mountainous. Road transport makes up the main part of the communications and transport and is playing a major role in the provincial economy and social development of Yunnan. There has been significant progress in road construction in Yunnan since liberation. In the province are 52,000 km. of roads above grade 4, including 11600 km. of such famous high grade roads as Di-anzang, Kunda and Shian and sub-high grade roads. The total road length in the province has increased 18.7 times over that before 1949. 5812 bridges of different sizes with 135,300 running meters have been built including the Changhong Bridge on the Nanpan River and the Red Flag Bridge on the Nujiang River. All the counties, 99 per cent of the townships, 81 per cent of the villages, all the 5 national ports and the 12 provincial ports in the province have transport services.

With the deepening of the reform and opening to the outside world, the provincial Party Committee and provincial government have decided to further speed up the pace of road construction. They raised the call: "Work energetically for 3 years, raise 4500 million yuan and basically finish the reconstruction of 3500 km. of the 6 trunk roads including, Kunming-Ruili road, Kunming-dalu road (on the Sino-Burma border), Kunming-Hekou road (on the Sino-Viet Nam border), Kunming-Luoheku road (reaching the sea through Nanling), so as to bring about significant changes in the road communications to the borders, out of the province and to the sea and build all the roads 200 km. around Kunming into high grade roads."





- 1 为云南第一条高等级公路建成竖立竣工纪念碑
- 2 石林至安宁高等级公路
- 3 铲雪通路
- 4 昆明盘龙江上的圆通大桥
- 5 承建突尼斯国道工程
- 6 引进国外先进筑路设备、加快隧道工程



云南省交通厅航务处

NAVIGATION AFFAIRS OFFICE OF THE COMMUNICATIONS DEPARTMENT
OF YUNNAN PROVINCE

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云南省水资源丰富,有河流 64 条,湖泊 30 多个,河道里程 14000 余公里,分属金沙江、澜沧江、怒江、南盘江、元江、伊洛瓦底江水系。

云南省的航运在改革开放中发展,现有通航河道里程 1891 公里。专业运输船 670 余艘,2 万余船舶吨,近 1 万个客位。有专业航运企业 12 家。有渡口 700 多处,渡船千余艘。

目前,云南航运已形成“两江三湖”为主体的发展格局:通过长江上游的金沙江,已开辟至上海、合肥、长沙、襄樊等 10 多条长航线,千吨级船队发展到 10 个;通过澜沧江连接东南亚地区,西双版纳州、思茅地区现已发展澜沧江——湄公河国际航运,发展前景十分广阔。滇池、洱海、抚仙湖景色优美,是旅游的理想场所,为旅游服务的船舶有很快的发展。

航务处是云南航运业的主管部门,正领导全省航运行业深入进行改革,为发展云南航运作出新的贡献。



- 1 新闻发布会
- 2 省长和志强(左六)交通厅长杨弼亮考察思茅港
- 3 云南船队航行在澜沧江——湄公河国际航道上
- 4 中、缅、老、泰考察团成员在神州号考察船上
- 5 航务处领导班子会议
- 6 建设中的思茅港

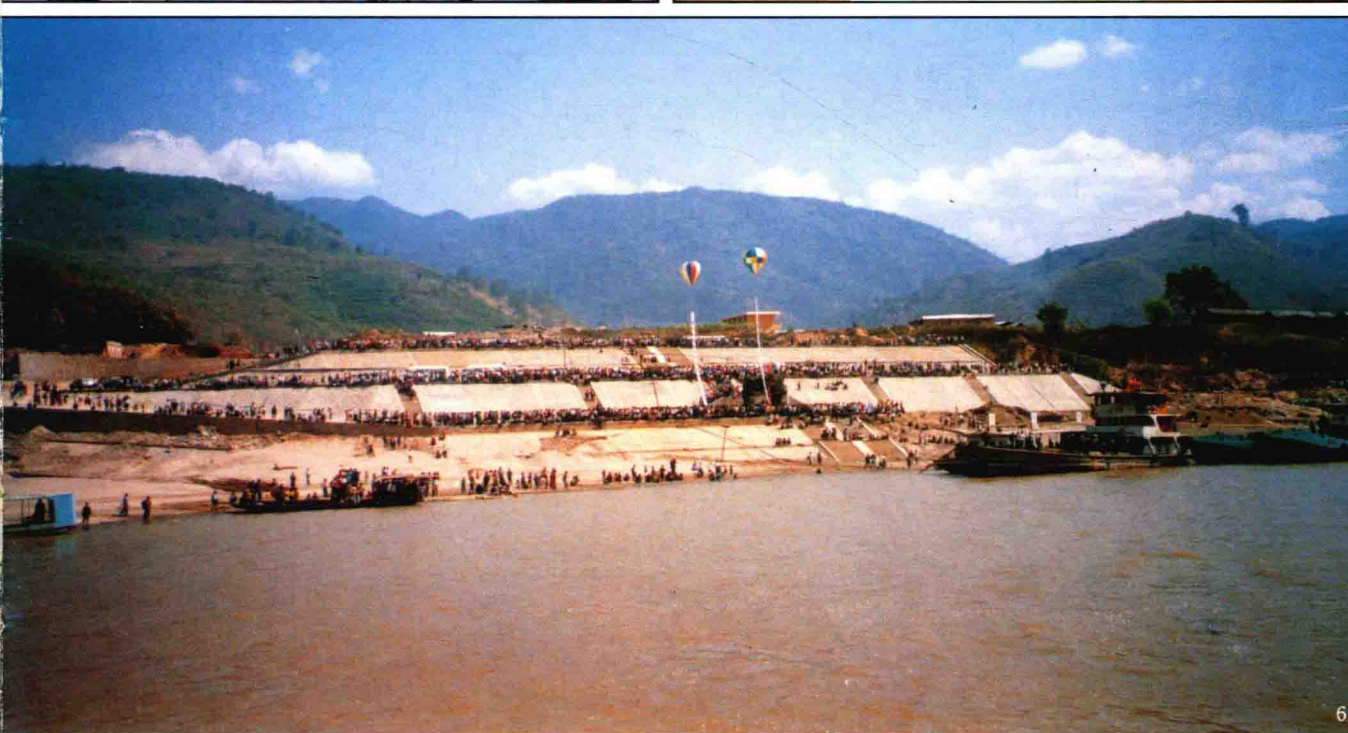


The Province has rich resources of water, with 64 rivers, more than 30 lakes and 14,000 km. of waterways, which belong in the water systems of Jinsha River, Nanchang River, Nujiang River, Nanpan River, Yuanjiang River and Yinowadi River.

With the development of water transport in the reform, the total length of waterways in the province has increased to 1891 km. with 670 specialized transport boats of more than 20,000 dwt and about 10,000 passenger seats. There are 12 shipping companies, more than 700 ferries and about 1000 ferry-boats in the province.

Now a shipping development pattern with "two rivers and three lakes" as its mainstay has formed. More than 10 long distance shipping lines to Shanghai, Hefei, Changsha, Xiangfan have gone into operation on the Jinsha River which runs through the upper reaches of the Yangtze River and the number of ship fleets with 1000 dwt has grown to 10. The province is connected with Southeast Asia through Nanchang River. The international shipping between Nanchang River and Meigong River in Xishuangbanna Prefecture and Simao Region has started and has vast prospects. The Dianchi Sea, Erhai Sea and Huxian Lake are ideal tourist destinations with attractive sights, and there has been a rapid increase in the number of tourist boats.

The navigation Affairs Office is the administrative department for the shipping sector, and is leading the shipping sector of the whole province in its continuous reform so as to make new contribution to the development of the shipping in Yunnan Province.



云南省公路规划勘察设计院

ROAD PLANNING RECONNOITERING AND DESIGNING INSTITUTE
OF YUNNAN PROVINCE

地址:昆明市拓东路石家巷9号 邮编:650011 电话:3162371

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该设计院始建于1965年,是国家甲级公路勘察设计单位。现有职工500余人,其中获高、中级职称的近200人。主要承担各等级公路(包括高速公路)、桥梁、隧道、飞机场等项目的规划可行性研究、勘察、设计等任务,年设计能力约10亿元。

该院技术先进,设备齐全。共设计公路700多项,7.7万多公里;设计大、中型桥梁和隧道300多座。承担过亚、非6个国家1060多公里的公路道、桥勘察设计任务,均受到所在国家的好评。

该院特别具有在高原山区、峡谷、泥石流和软土等地区勘察设计路、桥的经验;并先后开展航空摄影测量的应用和高等级公路软土地基处治及“弯坡斜高桥”的研究成果的应用。有25个路、桥项目获国家、部、省级优秀勘察、设计奖和科技成果奖。

This institute was set up in 1965 and is a national grade A road reconnoitering and designing unit. Staffed with more than 500 people, 200 of whom have senior or intermediate professional titles, it mainly undertakes the planning, feasibility study, reconnaissance and design of roads of all grades, including express-ways, bridges, channels and airports, with an annual designing capacity of 1 billion yuan.

Armed with advanced technology and all necessary equipment, the institute has designed more than 700 items of roads, with a total length of 77000 km. more than 300 bridges of large and medium size and channels, and has undertaken the reconnaissance and design of 1060 km. of roads and bridges for 6 countries in Asia and Africa, which won high compliments by the countries concerned.

The institute has accumulated special experience in reconnoitering and designing roads and bridges in areas like plateau mountains, valleys mud-and-rock flows and soft earth and has successively been engaged in the appliance of aerial surveys, and the appliance of research achievements of the treatment of soft earth base on the high-grade roads and of the curved-slope ramps. 25 of the road and bridge items have won the awards for excellent reconnaissance and design and for scientific progress at the national, ministry and provincial levels.



- 1 石林至安宁一、二级公路段
- 2 昆明至玉溪高速公路夜景
- 3 安宁至楚雄公路长田水库高架桥
- 4 超级微机 APOLLO 工作站



中国道路运输集锦

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