

中国高速公路发展

Expressway Development in China

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中国高速公路发展概况

General Development Situation of expressway in China

中国高速公路发展概况

General Development Situation of Expressway in China

中国桥梁和隧道建设发展概况

General Development Situation of Bridge & Tunnel Construction in China

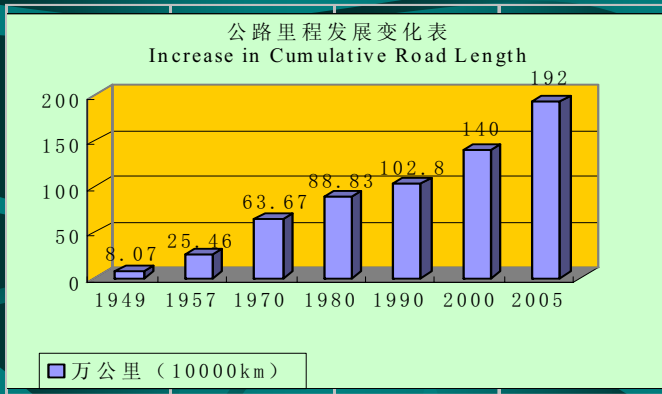
国家高速公路网规划

National Expressway System Master Plan in China



公路是社会经济发展的重要基础设施,中国公路起步较晚,建国初期(1949年)中国公路仅有**80,700**公里,标准极低。

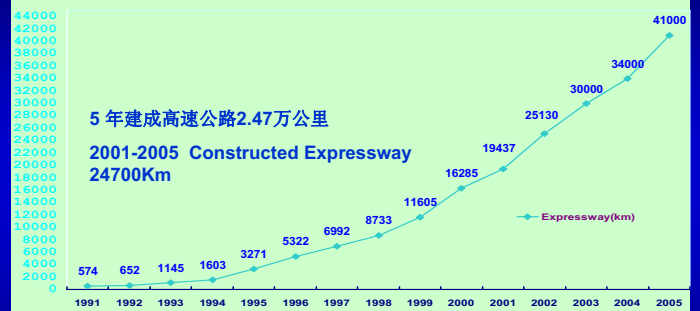
Highway represents important infrastructure for social economy and development. As for China, we started very late in development of our highways. In the early stage after the founding of the People's Republic of China in 1949, there are only 80,700km highways in low standard .



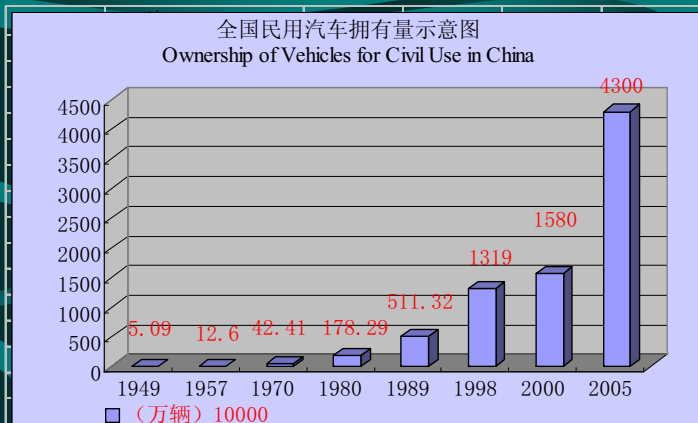
2005年底，中国公路通车里程达到 192万公里。
By the end of 2005, the length of highway open to traffic in China reached 1.92 million km

高速公路发展

THE EXPRESSWAY DEVELOPING TRACK



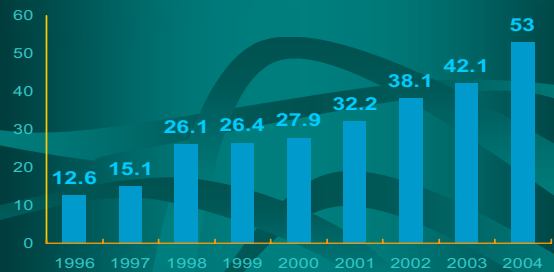
2005年底，中国高速公路通车里程达到 4.1万公里。
By the end of 2005, the length of expressway open to traffic in China reached 41,000 km .



2005年底，全国民用汽车保有量达到4300万辆。
The number of civil automobiles is 43 million by the end of year 2005 .

公路投资(100亿元)

Highway Investment (Y 10 billion)



2004年底，全社会公路投资总额达到5300亿人民币。
The highway investment is Y 530 billion by the end of year 2005 .



成就
Achievement (Expressway)



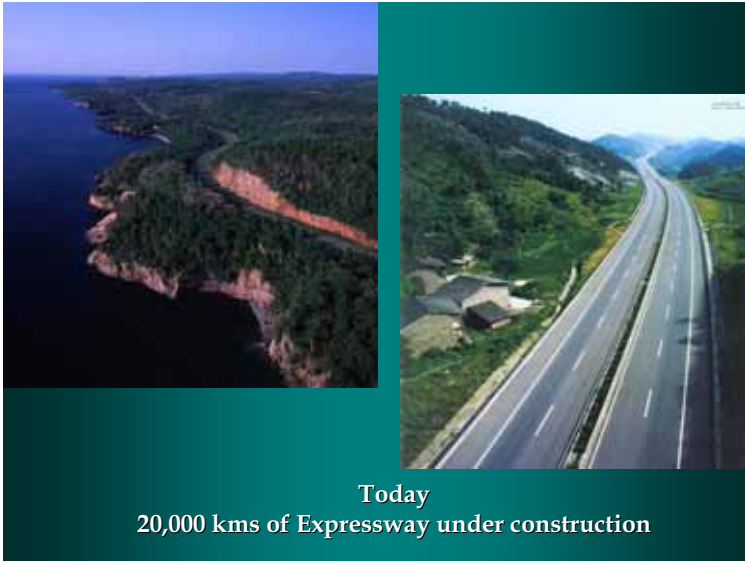
京津塘高速公路
Beijing-Tianjin Expressway



沈阳至大连高速公路
Expressway from Shenyang to Dalian



锦州至朝阳高速公路
The Expressway from Jinzhou to Chaoyang in Liaoning Province



Today
20,000 kms of Expressway under construction



2005年底，中国公路桥梁达到33万座/1474万延米。
By the end of 2005, The number of bridges is 337 thousand and the length open to traffic is 14.74 million meters in China .



中国桥梁和隧道建设发展概况
General Development Situation of Bridge & Tunnel
Construction in China



成就
Achievement (Bridge)



南京第二长江大桥 (主跨648米斜拉桥)
Nanjing No.2 Yangtze River Bridge
(Center Span: 680 m , Cable Stayed)



虎门大桥 (主跨888米悬索桥)
Humen Bridge
(Center Span: 888 m , suspension Stayed)



厦门海沧大桥 (主跨628米悬索桥)
Xiamen Haicang Bridge
(Center Span: 888 m , suspension Stayed)



江阴长江大桥 (主跨1385米悬索桥)
Jiangyin Bridge
(Center Span: 1385 m , suspension Stayed)



技术挑战的特大型桥梁工程

杭州湾跨海大桥
苏通大桥
舟山西堠门大桥



Technical Challenge



苏通大桥 (主跨1088米斜拉桥)
Sutong Yangtze River Bridge
(Cable Stayed , Center Span: 1088 m)
World Record: 890 m

Technical Challenge



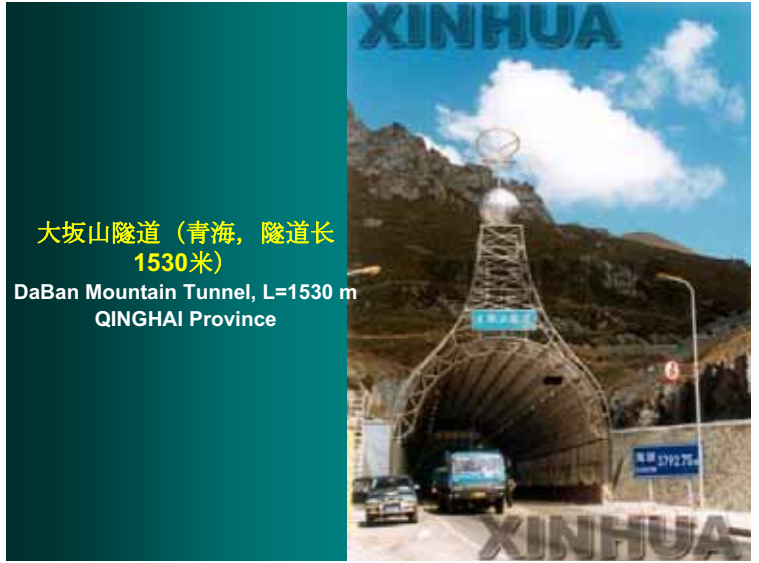
杭州湾跨海大桥 (全长36公里)
HangZhou Bay Bridge
(Total long 36Km)



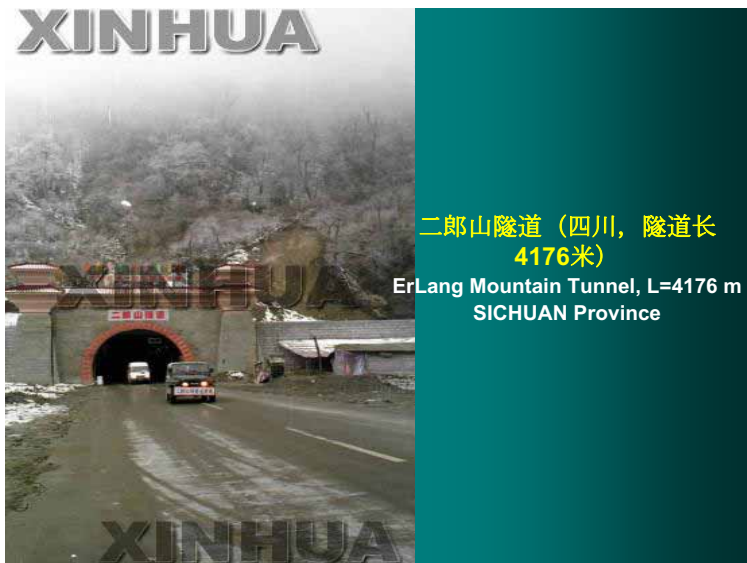
2005年底, 中国公路隧道达到2889处/153万延米。
By the end of 2005, The number of tunnels is 2889 and the length open to traffic is 1.53 million meters in China .



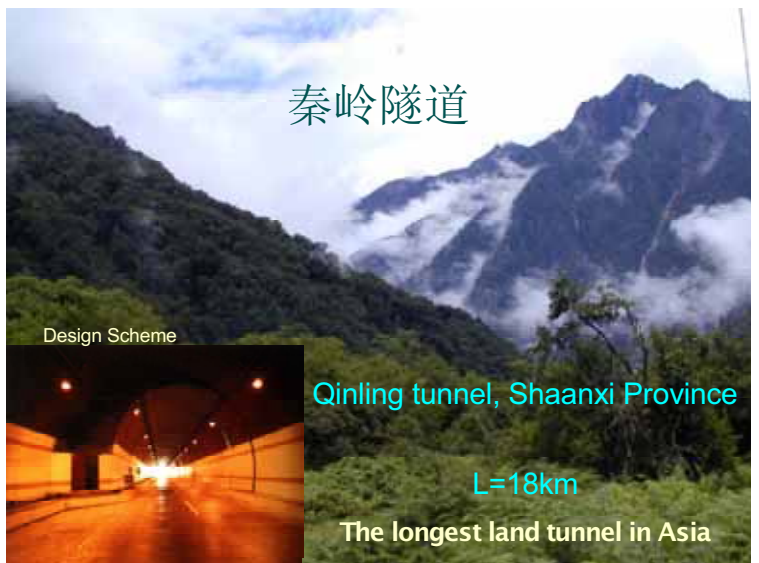
成就
Achievement (Tunnel)



大坂山隧道 (青海, 隧道长
1530米)
DaBan Mountain Tunnel, L=1530 m
QINGHAI Province

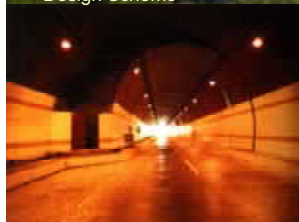


二郎山隧道 (四川, 隧道长
4176米)
ErLang Mountain Tunnel, L=4176 m
SICHUAN Province



秦岭隧道

Design Scheme



Qinling tunnel, Shaanxi Province

L=18km

The longest land tunnel in Asia

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