Commemoration Issue

## THE NANKING - WUHU <br> AND <br> SÜANCHENG - CHANGHING HIGHWAYS

Upon the Occasion of Their Opening to Traffic

BUREAU OF PUBLIC ROADS
NATIONAL ECONOMIC COUNCIL NANKING, CHINA

JUNE, 1933

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## THE NANKING-WUHU AND SÜANCHENG-CHANGHING HIGHWAYS

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## 1. INTRODUCTION

The efforts of the road authorities and engineers of the provinces of Kiangsu, Chekiang, and Anhwei are to be appreciated upon the completion of the Nanking-Wuhu and SuianchengChanghing Highways. It took almost a year to build these two lines (totaling 216 kilometers) and encountered serious difficulties in the course of their construction. The transportation of bridge and road materials has always been the chief problem to be tackled by the engineers. On several occasions, the supply of provincial funds was so intermittent as to cause frequent suspensions of construction. Nevertheless, the engineers kept on working with enthusiasm. Now with the exception of two unusually large bridges being temporarily substituted by ferries, these two highways are opened to traffic.

The collaboration of the road experts of the League of Nations deserves warm commendation. During the course of construction, both Mr. M. S. Okecki and Mr. F. J. M. Bourdrez had taken several tedious and weary trips over these routes, and had contented themselves with whatever means of communication, lodging and boarding that were available en route. During their inspection trips, they gave a lot of valuable advices and encouragement to the engineers.

The completion of these two highways coupled with the existing Nanking-Hangchow and Wuhu-Süancheng Highways makes possible a highway loop of 462 kilometers encircling an area of 10,400 sq. kilometers. The southeastern corner of Anhwei is noted for its richness in mineral and agricultural products, rice and tea being the chief exports of that province. With this loop linked to Hangchow and Nanking, tourists now can go to Anhwei with ease and comfort. In this way, the interior districts are made accessible to tourists of other cities.

Like the other road projects, the National Economic Council has helped in laying out the scheme of these two highways and supervised their construction. Needless to say, the Council has followed its policy of building more roads for general traffic rather than luxurious roads for pleasure-seeking purposes. The two highways now opened to traffic set another example of serviceable and economical roads.

## II. A BRIEF ACCOUNT OF THE PROJECT

## 1. The Nanking-Wuhu Highway

The Nanking-Wuhu Highway is one of the inter-provincial roads of Kiangsu, Chekiang, and Anhwei Provinces, planned by the National Economic Council. It also constitutes the first section of the Nanking-Kweichow Trunk Line of the Saven-Province Highway System. The road is 92 kilometres in length from Nanking to Wuhu by way of Tsaishih and Tangtu. As the route passes through the Nanking Municipal Area and Kiangsu and Anhwei Provinces, it was necessary to divide the construction of the road into three sections.

The Nanking Section: Length: 2.8 kilometres. Route: from Yuhwa Road outside Chunghwa Gate to Antehmen. This section was originally a tanshih road on the outskirts of the city. As the alignment and road surface were not up to the standard, the rebuilding of the road was considered necessary. A request was therefore filed by the National Economic Council in June, 1932, with the Bureau of Public Works of Nanking which readily responded in the repair of roadbed and the resurfacing of the tanshih pavement, completed by the end of September, 1932.

The Kiangsu Section: Length: 35 kilometres. . Route: from Antehmen to Tungtsingchen on the border of Kiangsu and Anhwei Provinces. This section was built in 1928 by the Dapartment of Reconstruction of Kiangsu Province, In order to expedite the work with greater speed, an engineering office for this section was established in May, 1930, but its work was suspended on account of financial difficulties. In addition, the flood catastrophe in the summer of 1931 further wrecked whatever earthwork and culverts already completed by voluntary labor. The Manchurian crisis in the following September made the progress of the work extremely difficult. Funds were, therefore, raised by Kiangsu Province to make possible in March, 1932, the completion of earthwork and culverts, but they were not sufficient for the
construction of bridges and road surface. With a loan from the National Economic Council in June, the Department of Reconstruction of Kiangsu Province was able to complete the construction of the road in September, 1932.

The Anhwei Section: Length: 54 kilometres. Route: from Wuhu to the border of Kiangsu and Anhwei Provinces. The earth road from Wuhu to Tangtu, 28 kilometres in length, was completed in May, 1930, and was for one time already opened to traffic, but the earth road as well as the bridges and culverts were all wrecked by the unprecedented flood in the summer of 1931. The section from Tangtu to the Kiangsu-Anhwei border, 26 kilometres in length, was built by voluntary labor in May, 1932. The National Economic Council in June of the same year called upon the Department of Reconstruction of Anhwei Province to build the entire Anhwei Section. To comply with this request. the Department organized in August an engineering office to take charge of supervising the construction. By the end of 1932 all repair works on roadbed, bridges and culverts were generally completed. But the broken stone pavement was not finished until May, 1933, because of financial and transportation difficulties. The original intention was to build a bridge over the river at Tangtu in that section, but for reasons of economy and time, two timber ferry boats have been used in its stead and in the fall of this year the present Minghong steel ferry boat of the ShanghaiHangchow Highway, which is to be replaced by a new one, will be shipped to Tangtu for service.

## 2. The Süancheng-Changhing Highway

The Süancheng-Changhing Highway is also one of the interprovincial roads of Kiangsu, Chekiang and Anhwei Provinces, planned by the National Economic Coancil. It is 124 kilometres in length, extending from Süancheng to Changhing by way of Kwangteh and Szean and passing through territories of Anhwei and Kiangsu Provinces. In view of the separate administrations of these two provinces, it was necessary to undertake the construction of the road in two sections.

The Anhwei Section: Length: 86 kilometres. Route: from Süancheng to Kiehpaichen on the border of Anhwei and Chekiang Provinces. The roadbed in this section was built by voluntary labor in pursuance of an order issued in April, 1932, by the Anhwei provincial authorities. The work was done in such a haste that the width, grades, and curves were not conformed to the standards. In order to correct this unconformity, the Department of Reconstruction of Anhwei Province in July of the same year despatched an engineering staff to make surveys and prepare designs for the improvement of roadbed and building of permanent bridges and culverts. The work was, however, suspended by the death of Mr. Cheng Chen-Chuen, the then Commissioner of the Department of Reconstruction of Anhwei Province, and the shortage of provincial funds available for this purpose. The November following, construction was resumed first in the Kwangteh-Kiehpaichen section and subsequently extended to the Süancheng-Kwangteh section. All works have been completed in the early part of June, 1933, including the improvement of roadbed and construction of bridges and culverts, except the bridge at Shitsiehtu for which a raft is temporarily used. The pavement of the earth road in the Siancheng-Kwangteh section will, however, be postponed to some future time.

The Chekiang Section: Length: 38 kilometres. Route: from Changhing to Kiehpaichen on the border of Anhwei and Chekiang Provinces. The roadbed of this section was built in the spring of 1932 by voluntary labor called for in pursuance of an order of the Chekiang provincial authorities. The temporary bridges and culverts, constructed by the Bureau of Highways of Chekiang Province, and grades and curves were far from being satisfactory because of limited time and insufficient funds at their disposal. In July, an engineering office was established with a view to revising the alignment, improving the roadbed and constructing additional permanent bridges and culverts. This made possible the co npletion of the earth road in December, 1932, and the road pavement in the following June.

## III. DESCRIPTION OF THE CONSTRUCTION

## 1. The Nanking-Wuhu Highway

The road and structures of the different sections in the Nanking-Wuhu Highway were based upon standards set by the two provinces and the Nanking Municipality, and therefore lacked uniformity. But the main parts were not in conflict with the standards specified by the National Economic Council. The maximum grade of the rond is $5 \%$, and the minimum radius of curvature, 60 metres. The loading capacity of bridges is ten tons. The following is an account of the construction and the cost for the three sections.

The Nanking Section: This section has a width of 7.5 metres of roadbed with a tanshih pavement of 5.5 metres wide, passing through city outskirts and flat regions, where there was no neces sity of constructing new bridges and culverts. The road was completed at a cost of $\$ 15,000$, of which a loan of $\$ 5,000$ was granted by the National Economic Council.

The Kiangsu Section: This section has a width of 9 metres of roadbed, with approximately 280,000 cubic metres of earthwork and 2,000 cubic metres of rock excavation. The width of pavement is 3 metres. Except six kilometres adjoining Antehman which is paved with gravel, the whole section is of tanshih pavement. There are four wooden bridges and 97 culverts. The estimated cost for the work completed in 1932 is $\$ 103,214$, uf which a loan of $\$ 33,029$ was made by the Council.

The Anhwei Section: This section has a width of 8 metres of roadbed, with approximately $1,500,000$ cubic metres of earthwork and a width of three metres of broken stone pavement. There are 12 timber bridges, 90 box culverts and 50 pipe culverts. The bridge at Tachiaochen is built of timber floor with concrete abutments. Two ferry boats are used in the river at Tangtu for transporting automobiles. To reach these ferry boats, a sloping embankment with tanshih pavement was constructed on each bank
of the river, and a pontoon is placed at the end of each embankment. Each of the ferry boats has a loading capacity of more than 5 tons. The total estimated cost for this section is $\$ 432,723$, of which the Council has extended a loan of $\$ 138,471$. As the bridge at Tangtu is not yet under construction, the sum originally appropriated for this purpose is kept by the Council, and from this sum $\$ 25,000$ will be used as a subsidy for the building of the new steel ferry boat at Minghong. The actual loan made by the Council for the construction of this section is $\$ 108,039$.

The total estimated cost for the construction of the three sections is $\$ 550,937$, of which $\$ 146,068$ has been financed by the National Economic Council in the form of loans.

## 2. The Süancheng-Changhing Highway

In the initial stage of the construction, it was found difficult to standardize the construction because it was undertaken by voluntary labor and by Anhwei and Chekiang Provinces separately. The work was, nevertheless, finally completed with satisfaction after alterations of alignment and improvement. The maximum grade of the road is $6.5 \%$ and the minimum radius of curvature, 30 metres. The loading capacity of permanent bridges is ten tons and of temporary bridges, five tons. As to the construction and the cost for the two sections they may be accounted for as follows:

The Anhwei Section: The new road has a width of 7.5 metres of_roadbed, with 180,000 cubic metres of improved earthwork and 34,000 cubic metres of rock excavation. The temporary road pavement of the Kwangteh-Kiehpaichen section is three metres wide. The section extending from Suiancheng to Kwangteh is not yet paved. There are altogether 36 bridges, all built either of timber floor with stone abutments or of timber, except the reinforced concrete bridge at Shitsiehtu which is not yet constructed because of the need of extensive engineering work. It is for the time being replaced by a bamboo raft. The four old stone bridges have also been utilized. In addition to bridges there are 90 box
culverts, 38 corrugated iron pipes, and 190 concrete pipes. The section was completed at an estimated cost of $\$ 481.419$, of which the National Economic Council has granted a loan of $\$ 154,054$ out of its Central Road Fund.

The Chekiang Section: This section has a width of seven metres of roadbed, with 170,000 cubic metres of improved earthwork. It has a surfacing of 3 metres wide composed of 25 kilometres of broken stone pavement and 13 kilometres of gravel pavement. There are 6 wooden bridges with stone abutments, 2 remodelled old bridges, 34 temporary wooden bridges, 7 wooden culverts and 130 pipes. This section was completed at an estimated cost of $\$ 194,083$, of which $\$ 62,107$ was financed by the National Economic Council by way of a loan from its Central Road Fund.

The total estimated cost for the construction of the two sections is $\$ 675,502$, and the total sum appropriated by way of loans by the Council is $\$ 216,161$.

## IV HIGHWAY EQUIPMENT

## 1. The Ranking - Wuhu Highway

Road Signs: Three kinds of road signs have been erected along the Nanking-Wuhu Highway, one for the warning of approching curves, crossings, bridges and other dangers; one for indications of names of towns, mileage, and other general information; and the third for prohibiting passage of traffic, heavy trucks or motor vehicles driven at high speed. All the forms and colors of the road signs were designed according to the standards set by the National Economic Council.

Milestones: From Antehmen to the border of Kiangsu and Anhwei Provinces Concrete milestones are erected by the Department of Reconstruction of Kiangsu Province and from the Kiangsu-Anhwei border to the bus terminal at Wuhu, by the Department of Reconstruction of Anhwei Province. The mileage as shown on milestones is in unit of kilometers.

Motor Bus: From Nanking to Tzehuchen the Department of Reconstruction of Kiangsu has organized a motor bus managing office to take charge of the bus service. The bus runs four times a day, starting simultaneously from two terminals. From Tzehuchen to Wuhu the Anhwei Provincial authorities have entrusted the management and operation of the bus service to a motor bus company. The bus in this section also runs four times a day from each terminal.

Bus Stations and Gasoline Stations: In the Kiangsu section bus stations are established at Hsiakwan and Chunghwamen of Nanking, Antehmen, Sishanchiao, Panchiaochen, Kiangningchen, Mulungting and Tungtsingchen. In the Anhwei Section bus stations are established at Wuhu, Erhshihlipu, Tachiaochen, Sinchiaochen, Tangtuhsien, Tsaishihchen, and Tzehuchen. Along with the bus terminals in Nanking and Wuhu there are gasoline stations for the convenience of motorists.

Police Patrols and Long-Distance Telephone: In order to provide security and convenience for passenger is, long-distance

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telephones are installed in every bus station along the highway. Special police patrols are also organized to insure safety to tourists.

## 2. The Süancheng Changhing Highway

Road Signs: Road signs bave been erected along the Süancheng-Changhing Highway, their forms and colours being designed in accordance with the standards set by the National Economic Council.

Milestones: Milestones from Süancheng to Kiehpaichen have been eracted by the Department of Reconstruction of Anhwei Province and those from Kiehpaichen to Changhing, by the Department of Reconstruction of Chekiang Province. The mileage as shown on milestones is in unit of kilometres.

Motor Bus: From Suancheng to Kwangteh the Department of Reconstruction of Anhwei Province has entrusted to private concerns the management and operation of motor busses. From Kwangteh to Changhing the Bureau of Highways of Chekiang Province has charge of the management and operation of the bus service.

Bus Stations and Gasoline Stations: In the Anhwei section bus stations may be found at Süancheng, Shwangchiaochen, Hunglinchiao, Shitzepu, Shitsiehtu, Hwakutang, Fengtangpu and Kwangteh. In the Chekiang Section bus stations are established at Changhing, Hwanchiao, Tayunsze, Cbengsinsze, Hsiaszean, Shangszean and Kiehpaichen. Attached to such big bus stations as Changhing, Szean, Kwanteh and Suiancheng are gasoline stations for the service and convenience of motorists.

Police Pairols and Long-Distance Telephone: Long-distance telephones have been installed in all bus stations along the highway to provide security and convenience for passengers. Special police patrols have also been organized to render service and insure safety to tourists.

## V. COMMERCIAL SURVEY

Nanking and Wuhu, being terminals of the Nanking-Wuhu Highway, are important forts of the Yangtze Valley and are noted for industry and commerce. But prolucts along this line have been carried to other regions largely by antiquated means of transportation, such as small vessels, donkeys and wheelbarrows. Upon the completion of this road and with provision of transportation facilities, it gives great prospects to the revival of trade and industry in this section. Agricultural products along the highway largely consist of rice, wheat, tea and cotton, of which the rice market in Wuhu, tea in Anhwei and fowls at Nanking are particularly well known in the country. Silk and satin in Nanking and sugar and paper in Wuhu are the principal industrial products.

Regions in the southern part of Anhwei and the western part of Chekiang traversed by the Sutancheng-Changhing Highway with the exception of Süancheng, Changhing, and Szean which carried a little trade by water route, were inaccessible to modern means of communication. The opening of this road to traffic will, however, make possible the bringing of these interior cities into closer contact with more advanced regions. Agriculturally, this region is very'rich in the production of rice and tea, mulberries and raw silk. Of the industrial products, paper, pens and bamboo articles of Suancheng and silk of Changhing constitute the bulk. As regards•mineral recources, coal mines in the neightorhood of both Süancheng and Changhing have already been worked with success.

## VI. PLACES OF INTEREST

Nanking: Nanking has had a very long and eventful history and has been the capital of nine separate dynasties, covering a total of some four hundred years. It is also the capital of the National Government of China. Of the many places of historical interest, it will be mentioned only those which can be easily reached by motor vehicles. The Sun Yat-sen Tomb outside Chung-Shan-Men, is an imposing architecture and commands a panoramic view of the entire city. In its neighborhood is the Ming Tomb wherein lies the remains of the founder and first emperor of Ming Dynasty. To the east of the Sun Yat-sen Tomb stands the Ling Ku Temple, at the back of which may be found the Tan Yen-K'ai Tomb and the National Cemetery. The National Stadium, being the largest and the most up-to-date construction of its kind in the country, is located on the south of the Ling-Ku Temple. Outside Shüan-Wu-Men lies the most picturesque ShuianWu Lake. To the east of the Drum Tower rises the peak Pei-ChiKo, upon which now stands the Central Meterological Observatory and Wireless Station. Adjoining Pei-Chi-Ko is the Chi-Ming Temple which is only a little distance away from the ancient citadel of T'ai Ch'eng. The Confucius Temple, on the northern bank of the Ching-Hwai River, has been for sometime the most populous center of the city.

Tsaishihchen: Tsaishihchi, which is one kilometer to the northwest of Tsaishihchen, is a cliff projected way out into the river and commands a beautiful landscape. It used to be a place of great strategical importance.

Wuhu: Yi-Chi-Shan on the bank of the Yangtze River is noted for its scenery and also for its bospital. To the northwest of the Wuhu Bus Station is Chê Shan which is a hill of high altitude. Tao-Tang, originally named the "Mirror Lake" is on the soatheast of the Bus Station and along the lakeside are planted willow trees which add more to the attraction of the place.

Süangcheag: Pei-Lou, built by a magistrate of Ching Dynasty, is beautifully wooded, and is a very charming place for summer resort. Opposite to Pei-Lou and on the southeastern corner of the city stands Nan-Lou which has in its vicinity a pagoda and a lotus pond. About six kilometres to the north of the city emerges Ching-Ting-Shan, which is a place of historical interest, once referred to by the noted poet, Li Pai in his poems. Motor vehieles may reach the foot of the hill diractly.

Kwangteh: About two kilometres to the west of the city stands the Tze-Shan Temple noted for its many imaged statues and encircled by a beautiful forest with streams of waters flowing from fountains here and there. In the spacious garden of the temple are planted shrubs and flowers of fresh colours and sweet fragrance.

Szean: To the south of the city is Chien-Shan with a pointed peak which presents a view of many miles away. At the top of the hill is an old imposing temple surrounded by a dense forest.

## VII. INFORMATION TO TOURISTS

## 1. Description of communication around the bus stations

Nanking: The main bus terminal of the Nanking-Wuhu Highway at Nanking is at Yu-Hwa Rond outside Chunghuamen. The bus also makes stops at Hsiakwan and Sinkaikou, inside the city, for the convenience of passengers. At Hsihuamen is the first bus station of the Nanking-Hangchow Highway which may be reached from Sinkaikou along the East Chungshan Road.

Wuhu: The bus station of the Nanking-Wuhu Highway at Wuhu is located toward the north end of Kiho Street. To the east is the bus station of the Siancheng-Wuhu Highway and to the west is the wharf of steamship company.

Suancheng: The bus station of the Süancheng-Changhing Highway at Suancheng is located outside the West Gate at the same place with the old bus station.

Changhing: The bus station for both Süancheng-Changhing Highway and Nanking-Hangchow Highway at Changhing is located outside the East Gate. It is connected to the north with Nanking and to the south with Hangchow. Tickets for koth Nanking and Hangchow may be obtained at the bus station.

## 2. Description of Bus Service on the Connecting Highways.

The Nanking-Hangchow Highway is divided into two sections so far as the motor bus is concerned, one from Nanking to Changhing with a length of $\$ 09$ kil meters and the other from Changhing to Hongctov with a length of 117 kilometers. In the former section the bus is operated by the Kiangnan Motor Bus Company, whereas in the latter section, by the Bureau of Highways of Chekiang Province.

The Wuhu-S ancheng Highway, 89 kilometers in length, was originally the roadbed of the light railway from Wuhu to Süancheng. But both alignment and width of the road do not conform to the standards of highways, neither is the surface paved. 'The
bus service is now operated by the Wuhu-Stiancheng Motor Bus Company, running twice a day at 7:30 A.M. and 1:00 P.M. From Hsiao-ho-kou to Wanchih about 4 kilometres in length, a steam launch was used for transporting passengers, who suffered very much from this inconvenience. In the spring of 1933, the Department of Reconstruction of Anhwei Province has completed the construction of this section, making possible its connestion with the entire road. The Kiangnan Railway Company will, in the near future, purchase the road and build a railway track. Should this materialize, some other methods would have to be devised for the connection of Wuhu and Süancheng.

The Chinkiang-Chuyung Highway: The road from Chuyung along the Nanking-Hangchow Highway to Chinkiang, the provincial capital of Kiangsu, 41 kilometres in length, is an essential line for the communication of Nanking and Chinkiang, and will later be the first section of the trunk line connecting Nanking and Shanghai. The bus service is now under the management of the Department of Reconstruction of Kiangsu Province.

Other connecting highways under construction are the Nanking-Kienping Highway, 154 kilonstres in length, connecting Nanking with Shitzepu, and the Siancheng-Tunchi Highway, 156 kilometers in length, connecting Süancheng with Tunchi.

## 3. Regulations concerning the Inter-provincial Motor Traffic.

With a view to unifying the nanagement of highway traffic and providing facilities for passengers, the National Economic Council has in cooperation with the Three Provinces of Kiangsu, Chekiang, and Anhwei and the Two Municipalities of Nanking and Greater Shanghai, issued a series of provisional regulations governing the inter-provincial motor vehicle traffic. These regulations have already been promulgated by the foregoing provincial governments and municipal authorities and became effective on January 1st, 1933. The whole text of the regulations is hereunder printed for reference.

# Provisional Regulations Governing the Inter-Provincial <br> Motor Vehicle Traffic of the Three Provinces of Kimgsu, Chekiang, and Anhwei, and the Two Municipalities of Nanking and Greater Shanghai. 

I. To facilitate Inter-Provincial motor traffic and to unify the management of hishway triffis, the National Economic Council and the Governments of the Provinces of Kiangsa, Chekiang, and Anhwei, and of the Municipalities of Nanking and Greater Shanghai draw up these provisional rezulations.
2. All private motor vehicles (including private passenser cars and trucks, and motor cycles) rezistered by any of the three Provinces or of the two Municipalities may use free of any tolls or local charges all private and public roads within these territories.
3. Commercial motor vehicles (including passenger cars, trucks and motor cycles, but not including "Bus" services) of these Provinces and Municipalities may use free of any charge ail public hizhways within these territories, but are required for the time being to pay a toll charge according to local regulations when using privately owned or privately operated hishways.
4. Commencing from January Ist, 1933, all motor vehicles as prescribed in Article 2 and 3 above must pay an Inter-Provincial Motor Traffic Surtax equivalent to ten percent of the regular licence fee imposed by their respective government or municipality.
5. "Bus" services havinz previous contracts with governments of these Provinces and Municipalities to use certain definite sections of their highways are not included under Articles 3 and 4 .
6. Motor trucks, irrespective of weight and size, fitted with solid tyres; or whose gross weight is over thiee and a half tons shail not be allowed to use the highways for the time being, and accordingly no surtax shall be imposed upon them.
7. Each government of the three Provinces and the two Municipalities may retain twenty-five percent of surtax collected and shall transfer the remaining seventy-five percent to the Inter-Provincial Traffic Committee (organized by the National Economic Councii and these Provinces and Municipalities) to be used for general traffic imporvements.
8. The awners of private motor vehicles mentioned in Article 2 shall rezister and pay their licence fees at the town where they reside, and are entitled to a stay of not more than ninety days, free of charge, at any other place situated within the territories of the Provinces and Municipalities.
9. The owners of commercial motor vehicles mentioned in Article 2 shall register and pay their licence fees at the towns where they carry on their business,
and are entitled to a stay of not more than fifteen days, free of charse, at any other place within the territories of these Provinces and Municipalities.

Io Should a motor vehicle stay in another Province or Municipality over the specified time, the owner shall pay a charge for overtime to a traffic office of the district where the vehicle is detained, but shall not be required to secure another licence plate. If the overstayed period is less than a month the owner shall ply an overtime fee equivalent to one-third of the seasonal licence fee according to the scale of the Province or Municipality in which the vehicle is detained. Seasonal licence fees due at the original towns shall be paid as usual.
II. Licence fees due at the original towns may be collected and transferred on their behalf by any other traffic office, should the motor vehicles fail to return to the original towns
12. Vehicles found to have evaded licence fees due at their original towns shall be fined according to the regulations of the towns where they are staying in addition to that prescribed under Article II.
13. Traffic offices shall give out special receipts and temporary licences to vehicles treated under Article II and 12, and due notifications shall be sent to the different traffic offices whence these vehicles come. Ordinary licences shall be given to such vehicles by traffic offices in their original towns on production of the temporary licence prescribed above.
14. For each season the traffic offices having collected licence fees or dues on behalf of the other traffic offices shall prepare accounts and transfer to them respectively the balances of such proceeds.
15. Any vehicle not included under Article 2 and 3 shall be entitled to use the highways of these Provinces and Municipalities after paying the fees for a thoroughfare licence.
16. A motor vehicle with provisional licence shall not be allowed to use the highways, out of the district where the said licence is issued unless a special written permit from the traffic offices can be produced.
17. Motor vehicles passing through any place shall be required to observe the traffic regulations of that place, and penalties for violation of such regulations shall be inflicted by the traffic office of that place in accordance with the local regulations. Should the vehicle leave the place before any action can be taken, it shall be fined accordingly by the traffic office oif the district where the owner of the vehicle resides.
18. A driver's permit issued from any traffic office shall be valid for the three Provinces and in the two Municipalities named above.
19. Detailed rules for carrying out these Regulations will be provided for separately.
20. Standardized regulations for controlling highway traffic of these Provinces and Municipalities will be issued separately.

2I. These Regulations may be amended at subsequent conferences held jointly by representatives of the National Econamic Council, of the three Provinces, and of the two Municipalities.
22. These Regulations, after being passed by the Traffic Conferences held by representatives of the three Provinces and the two Municipalities, under the auspices of the National Economic Council, shall be presented to the Executive Yuan for reference, and to the Provincial and Municipal Governments concerned for ratification. These Regulations shall be simultaneously promulgated by the said Governments, and shall come into force on January the first 1933.

## 4. Regulations regarding tolls for ferry service.

The Bureau of Highways of Anhwei Province has organized the Managing Office of the Tangtu Ferry which is in charge of the ferry service at Tangtu on the Nanking-Wuhu Highway. There are now two ferries for transporting motor vehicles, operated daily from 6 A . M. to 7 P . M. All motor vehicles with licences issued by either of Chekiang, Kiangsu, and Anhwei Provinces or of the Nanking and Shanghai districts, shall pay a toll of 50 cents, Chinese currancy, when transported by the ferries. The toll will be increased to one dollar when the Minghong ferry is placed for service in this section. For the transportation of motor vehicles not in the specified hours, the charge will be doubled. Beside the payment of the toll, no additional charges will be made on either passengers or cargoes.









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Above－Scene of Nanlou（South Tower）－
Süancheng City


樓北古糅城宣：上
Above－Scene of Peilou（North Tower）－
Süancheng City

## 景風山亭敬外門北棅城宣：下

Below－Scene of Ching－ting Hill
－Süancheng


景風殿山袔外阴西䅫德度：上
Above－The Tze－Shan Temple outside Kwangteh City

點路宣飆县右之長京車：交兩杭站長 Right－The Changhing Busx Station， A Junotion Point of the Nanking－ Hangchow and Süanch－ eng－Chang－ hing Highways


萑之潅左橋改段：建 內安
Left－A Rèmodeled
Bridge－－Anhwei
Section



形触菈微左没節段：情没队安

Left－View of a Bamboo Raft at Shi－tsieh－tu－ Anhwei Section


Above－An old Stene Aroh Bridge
－Anhwei Section


洞涵之管鐵絞緆圓手內段徽安：上 Above－A Semi－circular Corrugated Steel Culvert－Anhwei Seotion


影拄時工施燆河生養段皦安：上
Above－Yangsenho Bridge Under Construction －Anhwei Section


影撵後成完橋河生飧段徽安：上 Above－Yangsenho Bridge After Completion －Anhwei Section


程亡山閉近附城宣内段微安：上
Above－Rock Excavation near Süancheng
－Anhwei Section


程工山開欲官三內段微安：上
Above－Rock Excavation at San－Kwanling
－Anhwei Section


墩雨烟傏陶做蔄：上
Alove－Scene near Tao－Tan－Wuhu


全 城 鲯 左景市湖：

Left－A Bird＇s eye View of Wuhu


Above－I－chi Hill at the River－ side－Wuhu


山赫之近附湖蟱：上 Above－Scene of Chè Shan（Red Hill） near Wuhu．


Above-The Wuhu Bus Station and Garage-Anhwei Section


5: Above-A Temple at Hiadohi near Wuhu


船渡之河大塗當內段徽安：上
Above－Ferry at Tan－tu－Anhwei Section



Above-East Gate of Chun-Hwa-Men, the Starting Point of the Nanking-Wuhu Highway-Nanking




