

The role of the general map transportation the urban planning and the related problems

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Abstract: with the rapid development of the "national economy", the development of the city by leaps and bounds, held in the "the" form of interactive activities become more and more, people are more and more requirem Ents for city planning standards for the requirements of industrial development are increasingly demanding Ransportation Service in the industrial field, its effect is more and more obvious. Urban planning is regarded by the government and leaders as a city ' s development. Instead, the role of general layout and transportation design in urban planning are more prominent, but it can ' t get the de Served attention. The role of the general map transportation makes more people realize this urban planning is vividly shown. The author mainly discusses the relationship between city planning and modern transportation Ion of these directions, fundamentally elaborated the general layout and transportation design effect to be more obvious, This paper is aimed at the "city planning and" problems related to thinking, make the following CL Arification.

Keywords : Modern general map transportation design; urban planning; application; analysis; related issues; thinking.

General Map Shipping is based on the plant (Farm) Regional Geographic , Natural and environment bars ,, in process required , material flow and related project construction standards , correct Select Factory (field) address , reasonably determined industry (garden) zone and industrial Enterprise various Building Structures ,Transport facilities , Consolidated pipeline plane relationship , Vertical Relationship Spatial relationship and organic relations with production activities , systematically process logistics , crowd , Energy source and information flow , and can be managed in the first and middle stages of construction The comprehensive discipline of the . General Map Transport design is within the professional and systematic integration of the inside allow , The object that it refers to , factor , discipline is very wide , it with socioeconomic and The Cultural development of science and technology has a strong connection .. in practice , due to to historical condition and practice stage , site Restrictions . and city planning is

Study future development of cities , Reasonable layout and comprehensive arrangement of cities in cities Comprehensive deployment of construction , is a blueprint for urban development in a certain period of time , Yes City key part of city administration , is the basis for urban construction and management , is also the city city planning ,City construction , prerequisites for City run three phase management . These on the determine the total layout of the plan in time and space and square toward , Only comprehensive analysis of the relationship between the two and the meaning of the , to protect The smooth implementation of the general map transport design , and promote urban planning in an orderly and healthy manner development .

2. City Planning

Urban planning is an important part of urban development , also affects the general figure The core elements of the transport design , so , The staff of the General map Transport design need comprehensive understanding of local city

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planning overall requirements , so that it can be detailed Fine layout . usually , Our so-called urban planning , is in a certain time range , Achieve specific socio-economic development goals and cultural development objectives Mark . in this procedure , need to determine the nature of the city and the scale of development . thereby

through various aspects of planning , Promote urban land use efficiency , guarantees the city's various space layout is reasonable . Planning and building is the main content of urban planning , City rules The row refers mainly to the urban environment , Humanities Geography , Objective section of economic development Set , and build a complete development plan on this basis , So you can coordinate city all aspects of development , and further land reasonable use from It can lay a stable foundation for general transportation of engineering construction . current , General transport Design development needs to be implemented in a certain range , so , want to work Process construction project Overall design , must be opened on the basis of completing the City plan show , and need early stage of town planning , The planner has certain totalmap Transport related knowledge , to consider city planning reasonably orderly and sustainable Development .

3. Contemporary General map Transport design

General Layout The source of the transport specialty is the set up by the Soviet experts , Primer entered early industrial transport specialty , renamed as Total map transport . General map Transport set Meter later according to the progress and development of the Times , gradually developed in various fields , Design work involves a lot of content , and Long cycle , Harder .

such as , Our Institute undertakes the engineering design of some factories and mines , is in the project solid apply to the early stage of the general layout of the transport design , Its contents are mainly factory address Select OK , Industrial enterprise overall design and overall design and vertical design , Pipeline Synthesis design ,Comprehensive information such as transport organization design , these contents are Mutually reinforcing , Large to surrounding terrain makeover , River Diversion etc ,Small to factory Consolidation calculation of earthwork in the area , Determination of road route and elevation . in the practice in , It is mainly from the design of the resource development program - Feasibility Study phase - Preliminary design - Construction Drawing design , and extends to the factory's production operations line phase , interspersed with security and environmental requirements , for repeated repairs Change , Service cycle more urban planning , Is a very long . general diagram Transport Design links to other professional designs are very intensive , must test in advance take into account the needs of each profession , including road network transport , site reservation and building room margin etc . in practice , General diagram Transport Design also has a very strong relationship with city planning tight . at design time , related staff required from Homeland , Planning , Power , Fire - , Environmental protection even the police and other departments to draw relevant information , For example land benefit with Nature ,Regional Planning diagram , area power grid diagram , local fire , Green Department The hard requirements of the door and the license for the explosives library, etc. . and the associated assets that are collected material analysis , make timely feedback recommendations , To work with the general diagram Transport design The development of the lays the groundwork for .

4. Association and interaction between urban planning and general layout transport design

in practice , larger city planning scope , time and space surface comparison Broad , and general layout transport design as detailed urban planning , Contains more content , Design factors and procedures are more complex .

The relationship between urban planning and general layout transport design in the actual design is also very Close , General Map Transport is also an essential part of the urban construction process one . in the course of the design , ,, General transport deals primarily with commercial residences , Work

Industry , Travel Holiday , Hi-Tech Development Zone , Road and rail lines , The Engineering Cycle for various industries, such as port and dock , , Construction in these areas is short of The design process for the combination of city planning and general layout transportation is .

such as Jinzhou National Test Graphite Technology Industrial Park project , in high-tech production Industry Development Zone Layout development features , need to define overall industrial area planning with regional industrial planning strategic , In practice, you must go through two levels . The Times procedure , that is, layout planning for functional layouts and project positioning market regulation These two procedures . where master plan leader general diagram functional location , and regional rulesThe market requirements for the are as follows: .

in the functional layout plan process , The is primarily a general planning party To Mix The features of the park in a hybrid design , make it competitive and complementary sex The primary role is to be able to embody flexibility and efficiency , in This procedure , The purpose of city planning is to be able to get the overall global ;The main purpose of the general diagram design is to implement the link . and in this procedure , City rules The row is not implemented independently of , so , in the process of work , need both sides with detailed planning parameters , For example, construction site , Property , area and The associated perimeter block features . While the general layout of the transport design is required from the city planning as the basis , Comprehensive consideration of traffic , Product nature and logistics and market conditions into Row Distribution , Meeting Regional planning requirements , and enables the city to plan the market The throttling effect is highlighted .

General Diagram Transport application in planning area , whether in industrial or high Development of new technology industrial park or transportation logistics Area ,The effect is very significant and form a nationwide connection and scale . functions that have been applied to the General layout design in are not available .

in planning and design practice , programs for city planning design can be simple The is summarized as : " master plan - control planning - Detailed planning - Building details Fine planning - Plan implementation " A few steps . in practice , General Transport set The role of the meter in the three subsequent processes is very large . becausethis , The integrity of a general diagram design can be comprehensive , also from the other hand The affects the final implementation of the city planning scheme , for promoting urban planning Development has an important role to play in .

On The one hand , General Map Transport design is a refinement design for urban planning , and on the other hand ,, City Planning is also the overall picture . " general picture is detailed Fine Planning " "" This is a widely circulated statement by the General graphic designer. , , in the actual count And only the general layout of the transport designers after the planning conditions can be for detailed engineering design .

such as : Graduation Design Harbin Qingan urban area in Year partition planning , Its operation requirements are also City Master plan on the basis of planning solidwith , basically dividing the area into a district as required , Old Town , and Clear division of the framework of the overall plan , features , enable it to achieve the Goal and scale of the partition . also , in the process of design , Overall transport professional to be able to follow planned metrics and requirements , Detailed engineering content for each area Fine Design , to complete the residential area of the City , Factory , Road , business District Pipeline Comprehensive and urban vertical landscape design . and ,Complete after completion Transport Administration , to ensure that planning can proceed smoothly .

In addition to implementing the National macro Policy , The actual operation of urban planning appears to be more to Pale . For example, the current state vigorously promotes environmental protection . , Promoting energy-saving emissions . correspond mainly to factories and Mines, Planning only for the relocation of factories and Mines and remove , no actual detail planning , But for a general figure , combines individual Pros , can really make the factory

from greening to energy saving to meet the real Inter requirements .

5. thinking about issues

The role of general layout transport in urban planning as described in this article , in the actual club The is easily overlooked in the environment .. First in academic circles, city planning Academic communication has always been a good development, International exchange frequently . and general Map Transport professional academic communication is relatively poor , State of theoretical dimension Inter- communication is almost without , International Communication at the practice level is not much „mainly introduces foreign advanced technology and equipment to other professions and integrates into the general layout count . Second is talent . , City Planning professional settings from the beginning of a large Learn today Other universities , people across the country . and Total map transport Professional from last century 80 There is a certain development in the era , but mostly still limited to Industrial institutions , such as Handan Coal College , and my alma mater, Harbin Metallurgical Gold Measurement Academy (now Heilongjiang Engineering College) etc , with General plan professional Eyes record revocation , closure of this specialty , and add City planning professional (today for rural planning specialty) , At present, only in XI ' an University of Architecture and technology set up general diagram Shipping professional . talent is not just in the drain , but disappearing . I am also the base in City planning Major in general layout transportation , Early entry to design Institute , and old one Generation Total figure people to cultivate , But industry change , Mining era declines , plus Social The has Less knowledge about the general shipping industry. , ultimately, it 's possible to degenerate into No professional . i want hallowed be thy to be academically and theoretically able to combine contemporary, and shape New General Layout Transport Professional system , The role of the professional continues to flourish .

6. Epilogue

In summary , City Planning is a systematic design effort , That involves has a very wide range of contents , and general plan shipping in the overall design process , To play the function of the foot , so , in the actual design process , General Diagram Designer requires a strong global view , Mastering History and future development read ,also need professional knowledge , can get involved in new areas of design work , and is proficient in this specialty , thereby during work , complement each other , only so ,to ensure that during social city development , General map Transport design play a bigger role .

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