

SCIENTIFIC AND THEORETICAL APPROACHES TO THE CONCEPT OF ROAD CONSTRUCTION BUSINESS SERVICES AND ECONOMIC ESSENCE

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Abstract: Road construction entrepreneurship services are an important component of the modern economic system and play a significant role in the development of transport infrastructure and the sustainable growth of the national economy. This article aims to investigate the scientific and theoretical foundations, theoretical approaches, and economic essence of the concept of entrepreneurship services in road construction.

Key words: services, entrepreneurship, infrastructure, evolution, automobile, road, construction, transport infrastructure, private sector, investment, economy, geography, efficiency.

Road construction business From the time of its emergence to the present day, logistics has gone through several stages of development. This has happened differently all over the world and in individual countries. Based on our scientific research, we have tried to present in tables how the evolution of road construction entrepreneurship services has happened in the world and in Uzbekistan. The evolution of logistics around the world is divided into 4 stages [1]. These stages are expressed in terms of years and have their own characteristics.

Table 1.

Evolutionary stages of road construction business services and their specific aspects [2]

Stage name and period	Car roads The function of construction business services	Types of flow	Management concept
1920s -1950s Fragmentation headscarf	-material and technical support -organization of packaging, transportation and storage to deliver to	Material	TMB management material items management
1950s -1970s Formation stage	-material and technical support -organization of packaging, transportation and storage to deliver to	Material	material items management , distribution

	- manage distribution - marketing		
1970s -1990s Development stage	-material and technical support - manage distribution -delivery -manage production processes -organization of packaging, transportation and storage - marketing - transportation quality management	Material, informatic	Road construction business
1990-2010 years Integration stage	- managing material flow as a whole system -information flow management -financial flow management - comprehensive logistics service	Material, informatic, financial, services	Highway construction entrepreneurship, supply chain management
From 2010 to present Modern highway construction entrepreneurship stage of development of ³⁹	-expansion of the range of logistics services -outsourcing -organizing transportation processes without harming the environment -management of delivery using digital technologies	Material, informatic, financial, services	Highway construction entrepreneurship, supply chain management, Environmental protection

researched current trends, we have developed the 5th stage “Development of Modern Highway Construction Entrepreneurship ” We propose to include the stage. Because since 1990, there have been significant changes in the field of road construction business services . It can be said that the globalization of the world economy and the development strategy of Uzbekistan's development have made a significant contribution to the development of road construction. It cannot be said that these stages occurred in all countries exactly between these years. Various factors influenced this, such as the form of government, wars, economy, geographical location, etc.

³⁹ Author development

Road construction business services are a complex type of economic activity aimed at creating infrastructure in a modern economy. It includes roads , highways , bridges and transport facilities construction , reconstruction to make , to repair and exploitation to do processes own inside In the scientific literature , this activity is often interpreted based on two approaches:

First, according to the classical approach (George Ofori, Martin Loosemore), road construction falls within the construction network of material production, and its result is physical infrastructure.

Secondly, according to the modern institutional approach (OECD, World Bank), road construction is considered as “infrastructure service production”, since it creates a service environment for transport, logistics and economic activities. In this context, road construction is considered not only as a construction product, but also as an infrastructure activity that provides long-term economic services. The theory of infrastructure economics was developed by David A. Aschauer [3] , who scientifically substantiated that public infrastructure investments directly affect economic growth and labor productivity. David A. Aschauer in economic theory is one of the main scholars who have proven the strong empirical link between infrastructure capital and economic growth . His work provides a scientific basis for considering road construction business services as a strategic and productive efficiency-enhancing factor in the economic system.

Alicia H. Munnell's research has shown that transportation infrastructure, particularly highways, can reduce production costs and accelerate regional economic development [4].

This to theories see , way construction :

- economic transaction expenses reduces ;
- markets integration strengthens ;
- territorial inequality reduces ;
- labor and capital efficiency increases .

For this reason road construction entrepreneurship services economic " multiplier " of growth as a factor " considered [5].

Munnell from research the following fundamental conclusions come it turns out :

1. Road infrastructure economic growth important factor is considered .
2. State capital decrease fertility to decrease take is coming .
3. Infrastructure territorial development and employment increases .
4. Cause and effect relations complicated and empirical inspection demand does .
5. Road construction economic in the system " multiplicative " "impact" has .

Alicia H. Munnell's research is one of the main scientific foundations of the theory of infrastructure economics, which directly links road and transportation infrastructure to economic growth, regional development, and service sector efficiency .

Transport economics in theory (Kenneth J. Button, Jean-Paul Rodrigue) car road infrastructure logistics and transport services main support system as is studied . Jean-Paul Rodrigue to the concept according to the transportation system three main from the component consists of :

- infrastructure (roads , bridges) ;
- transportation tools ;
- logistics and management system .

In this model car road construction infrastructure component is , it services efficiency of the sector (transport, trade , logistics) determinant main factor Kenneth J. Button, on the other hand , saw road infrastructure as an integral part of the "network services economy" and justified its multiplicative effect on the development of market services.

In the field of construction economics and management, Martin Loosemore [6] and George Ofori [7] study road construction projects as complex systems requiring high levels of risk, investment, and management. George Ofori, analyzing the experience of developing countries, emphasizes that the construction industry is one of the main drivers of economic development.

Martin Loosemore and road construction in projects [8]:

- risks management ;
- project efficiency ;
- contractual relationship ;
- private sector participation such as factors scientific basically analysis does .

This to the approach according to , way construction entrepreneurship services only construction not , maybe professional management , engineering and consulting services also own inside received complicated is a system .

The Public-Private Partnership (PPP) model plays an important role in financing and managing infrastructure projects. ER Yescombe has analyzed PPP models and argued that private sector participation in road construction projects increases efficiency. Akintola Akintoye and in the PPP system :

- investment risks distribution ;
- far term contracts ;
- services quality management such as aspects learns .

World bank and in OECD studies road construction as "public service infrastructure" is evaluated , that is, it is a state and private sector in cooperation with done increaseable services system is considered .

Above scientific views generalized without following to the conclusion arrival possible:

1. Classic economic in approach road construction — construction industry product .
2. Modern economic in approach and it is an infrastructural services system .

3. Transport economics point of view from the point of view of — services sector efficiency provider main factor .

4. the PPP approach and he is the state and private sector in collaboration services market .

On this basis car road construction entrepreneurship services as follows description possible : Car road construction entrepreneurship services — transport infrastructure create and to develop focused on , construction , engineering , consulting , operation and management services own inside received complex economic activity is a system .

This is the definition Uzbekistan " Entrepreneurship " of the Republic activity freedom guarantees about " Law (April 25, 2012 , No. O'RQ-326) based on .

Car roads construction entrepreneurial services following to oneself typical features separate show possible :

first of all , high capital capacity . Car roads construction projects big financial resources demand does . World bank to the information according to , 1 km car the way build for average investment of 1-3 million dollars necessary (way category and geographical to the conditions related This is entrepreneurship services subjects for high financial risk and bank loans and investments attraction to do the necessity brought releases ;

secondly , far investment period and payment deadline . Roads construction projects from 3 years to 10-15 years continue to be able possible . International in practice road of projects average payment term 15-20 years organization it will , this investors for additional uncertainty and creates risk ;

thirdly , the state order of the plant high level . Car roads national security and economic development with related happened for state by strict control Roads under construction technician regulations , construction standards and rules , environmental to standards strict compliance to do demand will be done ;

Fourth , technological complexity and innovations necessity . Modern car the ways build high qualified personnel , modern construction technique and materials , advanced technologies demand does . The way under construction geosynthetic materials , polymer-bitumen binders , cement concrete coatings such as innovation technologies wide is being used ;

fifth , economic and social importance . Car roads not only transport infrastructure objects , maybe national of the economy development for strategic importance has was infrastructure elements . Scientific research this shows that the roads network development gross internal of the product to grow directly impact IVF information according to the transport infrastructure 10% of investments increase GDP by 1.5-2% increases .

REFERENCES

1. Anikin B. A Logistics educational posobiya 2013 , 17 - 18 str
2. Author's development using Anikin B.A. Logistics textbook 2013, pp. 17-18
3. David A. Aschauer "Public Capital and Economic Growth"
4. Alicia H. Munnell "Why Has Productivity Growth Declined? Productivity and Public Investment" Source : Federal Reserve Bank of Boston, New England Economic Review <https://www.bostonfed.org/publications/new-england-economic-review/1990-issues/issue-january-february-1990/>
5. Alicia H. Munnell "How Does Public Infrastructure Affect Regional Economic Performance?" (1990, with Cook in collaboration) <https://www.bostonfed.org/publications/new-england-economic-review/1990-issues/issue-september-october-1990/how-does-public-infrastructure-affect-regional-economic-performance>.
6. Martin Loosemore "Innovation, Strategy and Risk in Construction" (2014)
7. George Ofori "Construction in Developing Countries: Need for New Concepts" (2018) https://www.researchgate.net/publication/331042718_Construction_in_Developing_Countries_Need_for_New_Concept
8. Martin Loosemore "Managing Public Perceptions of Risk..." (2009)