

지역활성화를 위한 지방하천 정비사업 개선방향 연구

The Improvement of System on Provincial River Renewal Project by Urban Revitalization

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Since modern age river was maintained mainly with physical function as flood-control and irrigation. However river is recognized as important measure as not only economic development of cities but also leisure space of citizen. Especially, latest river is reutilized by means of new urban growth motivity with urban regeneration base of waterfront space in housing, cultural affairs and healthy leisure according to regional condition. Also, various projects such as construction river ecological park and bike path are in the process based on the recognition that river is leisure and relaxation space for citizen. Representatively, previous river renewal projects that were conducted by the government focused on disaster prevention work that were named 'Improvement of areas prone to floods project', 'Water system maintenance project' and 'Stream channel improvement project', but 'River disaster prevention project', 'Construction ecological park project', 'Water-circulating river maintenance project' and 'Hometown river maintenance project' in force supplementally since the year 2008. This is a disproof that river become accepted as everyday living space.

A business performance system that could maximize the river usage in context of urban space is essential to rebirth river for living space of citizen around river where the citizens are easy to access. However, there is a little cases that are approached from regeneration point of view in

connection overall condition of river with urban in the urban context, and comprehensive approaches are insufficient in terms of regional revitalization and regeneration. Therefore, this research draws out the limitations of previous river maintenance business, and proposes improvement direction to connect provincial river maintenance business with urban regeneration business.

The research contains four chapters. Introduction, the first chapter, suggests a research background and purpose, a spatial and textual scope of the research, and difference between the research and advanced researches by examination. The second chapter investigates legal system of urban regeneration business and river maintenance business. To do that, the research examines propulsion system of urban regeneration and maintenance business based on the legal system of urban regeneration, and reviews legal system and guidelines related with river maintenance business. Accordingly, the research draws out that there are limitations in existing legal system and guidelines to connect urban regeneration business with river maintenance business. As an alternative plan, the research examines 「Build up river town」 scheme in Japan, and introduces a lot of cases that based on the scheme. The third chapter investigates implement systems of current river maintenance business, and present situation of project promotion in Yeongnam area. To do that, the research analyzes in context of implement system and guidelines by river maintenance business types. The forth chapter arranges problems of provincial river maintenance business based on the second and third chapter, and draws out improvement method and implementation strategies to connect provincial river maintenance business to urban regeneration business.

Since the present provincial river maintenance business only focuses on prevention of disasters that are original function of river in related legal system and guidelines, it cannot provide measure to connect urban regeneration business. This is similar with legal system of urban regeneration

business that classifies river as one of prevention infrastructure in a city, so it cannot provide measure for urban revitalization in terms of connection with river maintenance business and urban regeneration business.

The research draws out improvement directions to connect provincial river maintenance business with urban regeneration business based on the analysed problems. The first direction suggests an unification the period of provincial river renewal project and urban regeneration project. To do that, the research proposes an adjustment of the time of the central government aid projects on reflecting opinions of local governments. The second, the research suggests a mutual cooperation of river general plan and urban development plan and maintenance plan to review urban space comprehensively, and to modify related businesses. To do that, it is needed to include the contents of river maintenance business in urban planning legal system or guidelines, and add a consultation process by urban renewal board or urban planning board at establishment of river general plan.

The research suggests following action strategies. At first, urban regeneration master plan covers an execution plan of river maintenance business. It is desirable that river maintenance business is carried out on urban regeneration master plan for urban revitalization, so the research suggests a method to connect urban regeneration business with river maintenance business in needed planning steps. Secondly, the research suggests a connection urban regeneration master plan with river maintenance business by applying a pilot project. It makes easy to get government budget for business performance by utilizing existing pilot projects. In addition, there is an advantage that business process simply complies with existing procedure because the business is incorporated in a part of the pilot projects. At last, the research suggests to add a cooperation method of urban regeneration master plan about surrounding area of river space when river general plan is established. The method conforms to the amendment content of 「Enforcement rule of determination•organization and standard of

establishment of city•county planned facilities, as revision of legal system and guidelines of provincial river maintenance business. Also, the research suggests a creating regulation of a basic direction for river circumstance management that contains spatial environment plan and water environment plan in river maintenance master plan, and revision detailed execution guidelines of provincial river maintenance business.

The study regards it meaningful to suggest improvement directions that connection river renewal project with urban regeneration project is necessity in a synthetic consideration of urban and river based on the examination of provincial river renewal project enforcement situation. This anticipates to connect river maintenance business with urban regeneration business in the long term by suggesting practical strategies that could supplement current insufficient legal system and guidelines.

**Keyword : River maintenance, Provincial river renewal project, Urban revitalization, Urban regeneration.**