

## Investigation on clarification of processing condition of the sewerage construction

Period

2003.7~ 2004.3

### ( Purpose )

The civil engineering works are always carried out accompanied with many constraint conditions of construction in situ, and each of works is in different construction form, therefore that these processing conditions are clarified in the contract becomes very much importance to make construct smoothly.

Until January, 1991, the Ministry of Construction has sent 「on the condition clarification」 to public organization of each place as reference, which coordinated 「clarification of items and clarification of matters (draft)」 on processing conditions of civil engineering works.

However, it is true that the clarification of accurate processing conditions has not been made. In the sewerage conduit works, there are much construction works with variations of environmental conditions in situ of urban district, which also has the peculiarity of processing conditions change with the progress of construction.

Considering such actual situations, 「Guide book on clarification of processing conditions of sewerage conduit work (draft)」 was made and issued by Japan institute of Wastewater Engineering Technology in December, 1995.

After 7 years, the revision of 「on the clarification of conditions」 was carried out by Ministry of Land, Infrastructure and Transport in March, 2002, due to changing of the environment related to contract, etc.

And, accurate clarification of conditions has been written in the standardization of the general quantity table even in the estimation outline of new civil engineering works

In this research, it was made to refer the materials based on the investigation last year, etc from each self-governing bodies, the guide book was revised and the revision plan was made.

### ( Result )

This research carried out following works.

#### 1. Making out the draft on clarification items

On the basis of the notification of 2002 from Ministry of Land Infrastructure and Transport, it was made to refer the investigation materials and notifications which was collected and sorted on investigation from self-governing bodies last year, and the draft on clarification items and clarification matters of condition was made.

In addition, the draft and comparison table of the 2002 year's notifications were made, the changed places were arranged.

#### 2. Making out draft of 「Guide book (draft) on clarification of processing conditions of sewerage civil engineering works」.

Firstly, the Column of outline of construction was made in order to grasp the whole image of this construction. Secondly, the description division table was made in order to clarify drawing and specification for confirmation and condition clarification on the corresponding construction of the necessary clarification matter.

In addition, the examples were made, in order to make it possible for the reference to explanation and clarification on each clarification matter. And it is necessarily to use diagram for these examples.

On the guide book (draft) mentioned above, the present revision plan was made, taking into account the opinions from the self-governing bodies, etc.

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Key Words

condition clarification, design alteration, construction specification, contract documents